

T a f e l n

derer

LOGARITHMORVM

vor die Zahlen

von 1 bis 20000.

3 2 1 0 9 8

1776

LOGARITHMORVM

per die Zahlen

von 1 bis 10000

A

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
1	0.0000000	61	1.7853298	121	2.0827854	181	2.2576786	241	2.3820170
2	0.3010300	62	1.7923917	122	2.0863598	182	2.2600714	242	2.3838154
3	0.4771213	63	1.7993405	123	2.0899051	183	2.2624511	243	2.3856063
4	0.6020600	64	1.8061800	124	2.0934217	184	2.2648178	244	2.3873898
5	0.6989700	65	1.8129134	125	2.0969100	185	2.2671717	245	2.3891661
6	0.7781513	66	1.8195439	126	2.1003705	186	2.2695129	246	2.3909351
7	0.8450980	67	1.8260748	127	2.1038037	187	2.2718416	247	2.3926969
8	0.9030900	68	1.8325089	128	2.1072100	188	2.2741578	248	2.3944517
9	0.9542425	69	1.8388491	129	2.1105897	189	2.2764618	249	2.3961993
10	1.0000000	70	1.8450980	130	2.1139433	190	2.2787536	250	2.3979400
11	1.0413927	71	1.8512583	131	2.1172713	191	2.2810334	251	2.3996737
12	1.0791812	72	1.8573325	132	2.1205739	192	2.2833012	252	2.4014005
13	1.1139433	73	1.8633229	133	2.1238516	193	2.2855573	253	2.4031205
14	1.1461280	74	1.8692317	134	2.1271048	194	2.2878017	254	2.4048337
15	1.1760913	75	1.8750613	135	2.1303338	195	2.2900346	255	2.4065402
16	1.2041200	76	1.8808136	136	2.1335389	196	2.2922561	256	2.4082400
17	1.2304489	77	1.8864907	137	2.1367206	197	2.2944662	257	2.4099331
18	1.2552725	78	1.8920946	138	2.1398791	198	2.2966652	258	2.4116197
19	1.2787536	79	1.8976271	139	2.1430148	199	2.2988531	259	2.4132998
20	1.3010300	80	1.9030900	140	2.1461280	200	2.3010300	260	2.4149733
21	1.3222193	81	1.9084850	141	2.1492191	201	2.3031961	261	2.4166405
22	1.3424227	82	1.9138138	142	2.1522883	202	2.3053514	262	2.4183013
23	1.3617278	83	1.9190781	143	2.1553360	203	2.3074960	263	2.4199557
24	1.3802112	84	1.9242793	144	2.1583625	204	2.3096302	264	2.4216039
25	1.3979400	85	1.9294189	145	2.1613680	205	2.3117539	265	2.4232459
26	1.4149733	86	1.9344984	146	2.1643529	206	2.3138672	266	2.4248816
27	1.4313638	87	1.9395192	147	2.1673173	207	2.3159703	267	2.4265113
28	1.4471580	88	1.9444827	148	2.1702617	208	2.3180633	268	2.4281348
29	1.4623980	89	1.9493900	149	2.1731863	209	2.3201463	269	2.4297523
30	1.4771212	90	1.9542425	150	2.1760913	210	2.3222193	270	2.4313638
31	1.4913617	91	1.9590414	151	2.1789769	211	2.3242825	271	2.4329693
32	1.5051500	92	1.9637878	152	2.1818436	212	2.3263359	272	2.4345689
33	1.5185139	93	1.9684829	153	2.1846914	213	2.3283796	273	2.4361626
34	1.5314789	94	1.9731279	154	2.1875207	214	2.3304138	274	2.4377506
35	1.5440680	95	1.9777236	155	2.1903317	215	2.3324385	275	2.4393327
36	1.5563025	96	1.9822712	156	2.1931246	216	2.3344537	276	2.4409091
37	1.5682017	97	1.9867717	157	2.1958996	217	2.3364597	277	2.4424798
38	1.5797836	98	1.9912261	158	2.1986571	218	2.3384565	278	2.4440448
39	1.5910646	99	1.9956352	159	2.2013972	219	2.3404441	279	2.4456042
40	1.6020600	100	2.0000000	160	2.2041200	220	2.3424227	280	2.4471580
41	1.6127839	101	2.0043214	161	2.2068259	221	2.3443923	281	2.4487063
42	1.6232493	102	2.0086002	162	2.2095150	222	2.3463530	282	2.4502491
43	1.6334685	103	2.0128372	163	2.2121876	223	2.3483049	283	2.4517864
44	1.6434527	104	2.0170333	164	2.2148438	224	2.3502480	284	2.4533183
45	1.6532125	105	2.0211893	165	2.2174839	225	2.3521825	285	2.4548449
46	1.6627578	106	2.0253059	166	2.2201081	226	2.3541084	286	2.4563660
47	1.6720979	107	2.0293838	167	2.2227165	227	2.3560259	287	2.4578819
48	1.6812412	108	2.0334238	168	2.2253093	228	2.3579348	288	2.4593925
49	1.6901961	109	2.0374265	169	2.2278867	229	2.3598355	289	2.4608978
50	1.6989700	110	2.0413927	170	2.2304489	230	2.3617278	290	2.4623980
51	1.7075702	111	2.0453230	171	2.2329961	231	2.3636120	291	2.4638930
52	1.7160033	112	2.0492180	172	2.2355284	232	2.3654880	292	2.4653828
53	1.7242759	113	2.0530784	173	2.2380461	233	2.3673559	293	2.4668676
54	1.7323938	114	2.0569049	174	2.2405492	234	2.3692159	294	2.4683473
55	1.7403627	115	2.0606978	175	2.2430380	235	2.3710679	295	2.4698220
56	1.7481880	116	2.0644580	176	2.2455127	236	2.3729120	296	2.4712917
57	1.7558748	117	2.0681859	177	2.2479733	237	2.3747483	297	2.4727564
58	1.7634280	118	2.0718820	178	2.2504200	238	2.3765770	298	2.4742163
59	1.7708520	119	2.0755470	179	2.2528530	239	2.3783979	299	2.4756712
60	1.7781512	120	2.0791812	180	2.2552725	240	2.3802112	300	2.4771213

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
301	2.4785665	361	2.5575072	421	2.6242821	481	2.6821451	541	2.7331973
302	2.4800069	362	2.5587086	422	2.6253124	482	2.6830470	542	2.7339993
303	2.4814426	363	2.5599066	423	2.6263404	483	2.6839471	543	2.7347998
304	2.4828736	364	2.5611014	424	2.6273659	484	2.6848454	544	2.7355989
305	2.4842998	365	2.5622929	425	2.6283889	485	2.6857417	545	2.7363965
306	2.4857214	366	2.5634819	426	2.6294096	486	2.6866363	546	2.7371926
307	2.4871384	367	2.5646661	427	2.6304279	487	2.6875290	547	2.7379873
308	2.4885507	368	2.5658478	428	2.6314438	488	2.6884198	548	2.7387806
309	2.4899585	369	2.5670264	429	2.6324573	489	2.6893089	549	2.7395723
310	2.4913617	370	2.5682017	430	2.6334685	490	2.6901961	550	2.7403627
311	2.4927604	371	2.5693739	431	2.6344773	491	2.6910815	551	2.7411516
312	2.4941546	372	2.5705429	432	2.6354837	492	2.6919651	552	2.7419391
313	2.4955443	373	2.5717088	433	2.6364879	493	2.6928469	553	2.7427251
314	2.4969296	374	2.5728716	434	2.6374897	494	2.6937269	554	2.7435098
315	2.4983106	375	2.5740313	435	2.6384893	495	2.6946052	555	2.7442930
316	2.4996871	376	2.5751878	436	2.6394865	496	2.6954817	556	2.7450748
317	2.5010593	377	2.5763413	437	2.6404814	497	2.6963564	557	2.7458552
318	2.5024271	378	2.5774918	438	2.6414741	498	2.6972293	558	2.7466342
319	2.5037907	379	2.5786392	439	2.6424645	499	2.6981005	559	2.7474118
320	2.5051500	380	2.5797836	440	2.6434527	500	2.6989700	560	2.7481880
321	2.5065050	381	2.5809250	441	2.6444386	501	2.6998377	561	2.7489629
322	2.5078559	382	2.5820634	442	2.6454223	502	2.7007037	562	2.7497363
323	2.5092025	383	2.5831988	443	2.6464037	503	2.7015680	563	2.7505084
324	2.5105450	384	2.5843312	444	2.6473830	504	2.7024305	564	2.7512791
325	2.5118834	385	2.5854607	445	2.6483600	505	2.7032914	565	2.7520484
326	2.5132176	386	2.5865873	446	2.6493349	506	2.7041505	566	2.7528164
327	2.5145477	387	2.5877110	447	2.6503075	507	2.7050080	567	2.7535831
328	2.5158738	388	2.5888317	448	2.6512780	508	2.7058637	568	2.7543483
329	2.5171959	389	2.5899496	449	2.6522463	509	2.7067178	569	2.7551123
330	2.5185139	390	2.5910646	450	2.6532125	510	2.7075702	570	2.7558749
331	2.5198280	391	2.5921768	451	2.6541765	511	2.7084209	571	2.7566361
332	2.5211381	392	2.5932861	452	2.6551384	512	2.7092700	572	2.7573960
333	2.5224442	393	2.5943925	453	2.6560982	513	2.7101174	573	2.7581546
334	2.5237465	394	2.5954962	454	2.6570558	514	2.7109631	574	2.7589119
335	2.5250448	395	2.5965971	455	2.6580114	515	2.7118072	575	2.7596678
336	2.5263393	396	2.5976952	456	2.6589648	516	2.7126497	576	2.7604225
337	2.5276299	397	2.5987905	457	2.6599162	517	2.7134905	577	2.7611758
338	2.5289167	398	2.5998831	458	2.6608655	518	2.7143298	578	2.7619278
339	2.5301997	399	2.6009729	459	2.6618127	519	2.7151674	579	2.7626786
340	2.5314789	400	2.6020600	460	2.6627578	520	2.7160033	580	2.7634280
341	2.5327544	401	2.6031444	461	2.6637009	521	2.7168377	581	2.7641766
342	2.5340261	402	2.6042261	462	2.6646420	522	2.7176705	582	2.7649230
343	2.5352941	403	2.6053050	463	2.6655810	523	2.7185017	583	2.7656686
344	2.5365584	404	2.6063814	464	2.6665180	524	2.7193313	584	2.7664128
345	2.5378191	405	2.6074550	465	2.6674529	525	2.7201593	585	2.7671559
346	2.5390761	406	2.6085260	466	2.6683859	526	2.7209857	586	2.7678976
347	2.5403295	407	2.6095944	467	2.6693169	527	2.7218106	587	2.7686381
348	2.5415792	408	2.6106602	468	2.6702459	528	2.7226339	588	2.7693773
349	2.5428254	409	2.6117233	469	2.6711728	529	2.7234557	589	2.7701153
350	2.5440680	410	2.6127839	470	2.6720979	530	2.7242759	590	2.7708520
351	2.5453071	411	2.6138418	471	2.6730209	531	2.7250945	591	2.7715875
352	2.5465427	412	2.6148972	472	2.6739420	532	2.7259116	592	2.7723217
353	2.5477747	413	2.6159500	473	2.6748611	533	2.7267272	593	2.7730547
354	2.5490033	414	2.6170003	474	2.6757783	534	2.7275413	594	2.7737864
355	2.5502284	415	2.6180481	475	2.6766936	535	2.7283538	595	2.7745170
356	2.5514500	416	2.6190933	476	2.6776069	536	2.7291648	596	2.7752463
357	2.5526682	417	2.6201361	477	2.6785184	537	2.7299743	597	2.7759743
358	2.5538830	418	2.6211763	478	2.6794279	538	2.7307823	598	2.7767012
359	2.5550944	419	2.6222140	479	2.6803355	539	2.7315888	599	2.7774268
360	2.5563025	420	2.6232493	480	2.6812412	540	2.7323938	600	2.7781512

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
601	2.7788745	661	2.8202015	721	2.8579353	781	2.8926510	841	2.9247960
602	2.7795965	662	2.8208580	722	2.8585372	782	2.8932068	842	2.9253121
603	2.7803173	663	2.8215135	723	2.8591383	783	2.8937618	843	2.9258276
604	2.7810369	664	2.8221681	724	2.8597386	784	2.8943161	844	2.9263424
605	2.7817554	665	2.8228216	725	2.8603380	785	2.8948696	845	2.9268567
606	2.7824726	666	2.8234742	726	2.8609366	786	2.8954225	846	2.9273704
607	2.7831887	667	2.8241258	727	2.8615344	787	2.8959747	847	2.9278834
608	2.7839036	668	2.8247765	728	2.8621314	788	2.8965262	848	2.9283959
609	2.7846173	669	2.8254261	729	2.8627275	789	2.8970770	849	2.9289077
610	2.7853298	670	2.8260748	730	2.8633229	790	2.8976271	850	2.9294189
611	2.7860412	671	2.8267225	731	2.8639174	791	2.8981765	851	2.9299296
612	2.7867514	672	2.8273693	732	2.8645111	792	2.8987252	852	2.9304396
613	2.7874605	673	2.8280151	733	2.8651040	793	2.8992732	853	2.9309490
614	2.7881684	674	2.8286599	734	2.8656961	794	2.8998205	854	2.9314579
615	2.7888751	675	2.8293038	735	2.8662873	795	2.9003671	855	2.9319661
616	2.7895807	676	2.8299467	736	2.8668778	796	2.9009131	856	2.9324738
617	2.7902852	677	2.8305887	737	2.8674675	797	2.9014583	857	2.9329808
618	2.7909885	678	2.8312297	738	2.8680564	798	2.9020029	858	2.9334873
619	2.7916906	679	2.8318698	739	2.8686444	799	2.9025468	859	2.9339932
620	2.7923917	680	2.8325089	740	2.8692317	800	2.9030900	860	2.9344984
621	2.7930916	681	2.8331471	741	2.8698182	801	2.9036325	861	2.9350031
622	2.7937904	682	2.8337844	742	2.8704039	802	2.9041744	862	2.9355073
623	2.7944880	683	2.8344207	743	2.8709888	803	2.9047155	863	2.9360108
624	2.7951846	684	2.8350561	744	2.8715729	804	2.9052560	864	2.9365137
625	2.7958800	685	2.8356906	745	2.8721563	805	2.9057959	865	2.9370161
626	2.7965743	686	2.8363241	746	2.8727388	806	2.9063350	866	2.9375179
627	2.7972675	687	2.8369567	747	2.8733206	807	2.9068735	867	2.9380191
628	2.7979596	688	2.8375884	748	2.8739016	808	2.9074114	868	2.9385197
629	2.7986506	689	2.8382192	749	2.8744818	809	2.9079485	869	2.9390198
630	2.7993405	690	2.8388491	750	2.8750613	810	2.9084850	870	2.9395192
631	2.8000294	691	2.8394780	751	2.8756399	811	2.9090208	871	2.9400182
632	2.8007171	692	2.8401061	752	2.8762178	812	2.9095560	872	2.9405165
633	2.8014037	693	2.8407332	753	2.8767950	813	2.9100905	873	2.9410142
634	2.8020893	694	2.8413595	754	2.8773713	814	2.9106244	874	2.9415114
635	2.8027737	695	2.8419848	755	2.8779469	815	2.9111576	875	2.9420081
636	2.8034571	696	2.8426092	756	2.8785218	816	2.9116902	876	2.9425041
637	2.8041394	697	2.8432328	757	2.8790959	817	2.9122221	877	2.9429996
638	2.8048207	698	2.8438554	758	2.8796692	818	2.9127533	878	2.9434945
639	2.8055009	699	2.8444772	759	2.8802418	819	2.9132839	879	2.9439889
640	2.8061800	700	2.8450980	760	2.8808136	820	2.9138139	880	2.9444827
641	2.8068580	701	2.8457180	761	2.8813847	821	2.9143432	881	2.9449759
642	2.8075350	702	2.8463371	762	2.8819550	822	2.9148718	882	2.9454686
643	2.8082110	703	2.8469553	763	2.8825245	823	2.9153998	883	2.9459607
644	2.8088859	704	2.8475727	764	2.8830934	824	2.9159272	884	2.9464523
645	2.8095597	705	2.8481891	765	2.8836614	825	2.9164539	885	2.9469433
646	2.8102325	706	2.8488047	766	2.8842288	826	2.9169800	886	2.9474337
647	2.8109043	707	2.8494194	767	2.8847954	827	2.9175055	887	2.9479236
648	2.8115750	708	2.8500333	768	2.8853612	828	2.9180303	888	2.9484130
649	2.8122447	709	2.8506462	769	2.8859263	829	2.9185545	889	2.9489018
650	2.8129134	710	2.8512583	770	2.8864907	830	2.9190781	890	2.9493900
651	2.8135810	711	2.8518696	771	2.8870544	831	2.9196010	891	2.9598777
652	2.8142476	712	2.8524800	772	2.8876173	832	2.9201233	892	2.9503648
653	2.8149132	713	2.8530895	773	2.8881795	833	2.9206450	893	2.9508515
654	2.8155777	714	2.8536982	774	2.8887410	834	2.9211660	894	2.9513375
655	2.8162413	715	2.8543060	775	2.8893017	835	2.9216865	895	2.9518230
656	2.8169038	716	2.8549130	776	2.8898617	836	2.9222063	896	2.9523080
657	2.8175654	717	2.8555192	777	2.8904210	837	2.9227255	897	2.9527924
658	2.8182259	718	2.8561244	778	2.8909796	838	2.9232440	898	2.9532763
659	2.8188854	719	2.8567289	779	2.8915375	839	2.9237620	899	2.9537597
660	2.8195439	720	2.8573325	780	2.8920946	840	2.9242793	900	2.9542425

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
901	2.9547248	961	2.9827234	1021	3.0090257	1081	3.0338257	1141	3.0572856
902	2.9552065	962	2.9831751	1022	3.0094509	1082	3.0342273	1142	3.0576661
903	2.9556877	963	2.9836263	1023	3.0098756	1083	3.0346285	1143	3.0580462
904	2.9561648	964	2.9840770	1024	3.0103000	1084	3.0350293	1144	3.0584260
905	2.9566486	965	2.9845273	1025	3.0107239	1085	3.0354297	1145	3.0588055
906	2.9571282	966	2.9849771	1026	3.0111474	1086	3.0358298	1146	3.0591846
907	2.9576073	967	2.9854265	1027	3.0115704	1087	3.0362295	1147	3.0595634
908	2.9580858	968	2.9858753	1028	3.0119931	1088	3.0366289	1148	3.0599419
909	2.9585639	969	2.9863238	1029	3.0124154	1089	3.0370279	1149	3.0603200
910	2.9590414	970	2.9867717	1030	3.0128372	1090	3.0374265	1150	3.0606978
911	2.9595184	971	2.9872192	1031	3.0132587	1091	3.0378247	1151	3.0610753
912	2.9599948	972	2.9876663	1032	3.0136797	1092	3.0382226	1152	3.0614525
913	2.9604708	973	2.9881128	1033	3.0141003	1093	3.0386202	1153	3.0618293
914	2.9609462	974	2.9885590	1034	3.0145205	1094	3.0390173	1154	3.0622058
915	2.9614211	975	2.9890046	1035	3.0149403	1095	3.0394141	1155	3.0625820
916	2.9618955	976	2.9894498	1036	3.0153598	1096	3.0398106	1156	3.0629578
917	2.9623693	977	2.9898946	1037	3.0157788	1097	3.0402066	1157	3.0633334
918	2.9628427	978	2.9903389	1038	3.0161974	1098	3.0406023	1158	3.0637086
919	2.9633155	979	2.9907827	1039	3.0166155	1099	3.0409977	1159	3.0640834
920	2.9637878	980	2.9912261	1040	3.0170333	1100	3.0413927	1160	3.0644580
921	2.9642596	981	2.9916690	1041	3.0174507	1101	3.0417873	1161	3.0648322
922	2.9647309	982	2.9921115	1042	3.0178677	1102	3.0421816	1162	3.0652061
923	2.9652017	983	2.9925535	1043	3.0182843	1103	3.0425755	1163	3.0655797
924	2.9656720	984	2.9929951	1044	3.0187005	1104	3.0429691	1164	3.0659530
925	2.9661417	985	2.9934362	1045	3.0191163	1105	3.0433623	1165	3.0663259
926	2.9666110	986	2.9938769	1046	3.0195317	1106	3.0437551	1166	3.0666986
927	2.9670797	987	2.9943172	1047	3.0199467	1107	3.0441476	1167	3.0670709
928	2.9675480	988	2.9947599	1048	3.0203613	1108	3.0445398	1168	3.0674428
929	2.9680157	989	2.9951963	1049	3.0207755	1109	3.0449315	1169	3.0678145
930	2.9684829	990	2.9956352	1050	3.0211893	1110	3.0453230	1170	3.0681859
931	2.9689497	991	2.9960737	1051	3.0216027	1111	3.0457141	1171	3.0685569
932	2.9694159	992	2.9965117	1052	3.0220157	1112	3.0461048	1172	3.0689276
933	2.9698816	993	2.9969492	1053	3.0224284	1113	3.0464952	1173	3.0692980
934	2.9703469	994	2.9973864	1054	3.0228406	1114	3.0468852	1174	3.0696681
935	2.9708116	995	2.9978231	1055	3.0232525	1115	3.0472749	1175	3.0700379
936	2.9712758	996	2.9982593	1056	3.0236639	1116	3.0476642	1176	3.0704073
937	2.9717396	997	2.9986952	1057	3.0240750	1117	3.0480532	1177	3.0707765
938	2.9722028	998	2.9991305	1058	3.0244857	1118	3.0484418	1178	3.0711453
939	2.9726656	999	2.9995655	1059	3.0248960	1119	3.0488301	1179	3.0715138
940	2.9731279	1000	3.0000000	1060	3.0253059	1120	3.0492180	1180	3.0718820
941	2.9735896	1001	3.0004341	1061	3.0257154	1121	3.0496056	1181	3.0722499
942	2.9740509	1002	3.0008677	1062	3.0261245	1122	3.0499929	1182	3.0726175
943	2.9745117	1003	3.0013009	1063	3.0265333	1123	3.0503798	1183	3.0729847
944	2.9749720	1004	3.0017337	1064	3.0269416	1124	3.0507663	1184	3.0733517
945	2.9754318	1005	3.0021661	1065	3.0273496	1125	3.0511525	1185	3.0737183
946	2.9758911	1006	3.0025980	1066	3.0277572	1126	3.0515384	1186	3.0740847
947	2.9763500	1007	3.0030295	1067	3.0281644	1127	3.0519239	1187	3.0744507
948	2.9768083	1008	3.0034605	1068	3.0285712	1128	3.0523091	1188	3.0748164
949	2.9772662	1009	3.0038912	1069	3.0289777	1129	3.0526939	1189	3.0751818
950	2.9777236	1010	3.0043214	1070	3.0293838	1130	3.0530784	1190	3.0755470
951	2.9781805	1011	3.0047512	1071	3.0297895	1131	3.0534626	1191	3.0759118
952	2.9786369	1012	3.0051805	1072	3.0301948	1132	3.0538464	1192	3.0762763
953	2.9790929	1013	3.0056094	1073	3.0305997	1133	3.0542299	1193	3.0766404
954	2.9795484	1014	3.0060380	1074	3.0310043	1134	3.0546131	1194	3.0770043
955	2.9800034	1015	3.0064660	1075	3.0314085	1135	3.0549959	1195	3.0773679
956	2.9804579	1016	3.0068937	1076	3.0318123	1136	3.0553783	1196	3.0777312
957	2.9809119	1017	3.0073209	1077	3.0322157	1137	3.0557605	1197	3.0780941
958	2.9813655	1018	3.0077478	1078	3.0326188	1138	3.0561423	1198	3.0784568
959	2.9818186	1019	3.0081742	1079	3.0330214	1139	3.0565237	1199	3.0788192
960	2.9822712	1020	3.0086002	1080	3.0334238	1140	3.0569048	1200	3.0791812

Tafeln derer Logarithmorum.

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Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
1201	3.0795430	1261	3.1007151	1321	3.1209023	1381	3.1401937	1441	3.1586640
1202	3.0799045	1262	3.1010594	1322	3.1212315	1382	3.1405080	1442	3.1589653
1203	3.0802656	1263	3.1014033	1323	3.1215598	1383	3.1408222	1443	3.1592663
1204	3.0806265	1264	3.1017471	1324	3.1218880	1384	3.1411361	1444	3.1595672
1205	3.0809870	1265	3.1020905	1325	3.1222159	1385	3.1414498	1445	3.1598678
1206	3.0813473	1266	3.1024337	1326	3.1225435	1386	3.1417632	1446	3.1601683
1207	3.0817073	1267	3.1027766	1327	3.1228709	1387	3.1420765	1447	3.1604685
1208	3.0820669	1268	3.1031192	1328	3.1231981	1388	3.1423895	1448	3.1607686
1209	3.0824263	1269	3.1034616	1329	3.1235250	1389	3.1427022	1449	3.1610684
1210	3.0827854	1270	3.1038037	1330	3.1238516	1390	3.1430148	1450	3.1613680
1211	3.0831441	1271	3.1041456	1331	3.1241781	1391	3.1433271	1451	3.1616674
1212	3.0835026	1272	3.1044871	1332	3.1245042	1392	3.1436392	1452	3.1619666
1213	3.0838608	1273	3.1048284	1333	3.1248301	1393	3.1439511	1453	3.1622656
1214	3.0842187	1274	3.1051694	1334	3.1251558	1394	3.1442628	1454	3.1625644
1215	3.0845763	1275	3.1055102	1335	3.1254813	1395	3.1445742	1455	3.1628630
1216	3.0849336	1276	3.1058507	1336	3.1258065	1396	3.1448854	1456	3.1631614
1217	3.0852906	1277	3.1061909	1337	3.1261314	1397	3.1451964	1457	3.1634596
1218	3.0856473	1278	3.1065309	1338	3.1264561	1398	3.1455072	1458	3.1637575
1219	3.0860037	1279	3.1068705	1339	3.1267806	1399	3.1458177	1459	3.1640553
1220	3.0863598	1280	3.1072100	1340	3.1271048	1400	3.1461280	1460	3.1643529
1221	3.0867157	1281	3.1075491	1341	3.1274288	1401	3.1464381	1461	3.1646502
1222	3.0870712	1282	3.1078880	1342	3.1277525	1402	3.1467480	1462	3.1649474
1223	3.0874264	1283	3.1082266	1343	3.1280760	1403	3.1470577	1463	3.1652443
1224	3.0877814	1284	3.1085650	1344	3.1283993	1404	3.1473671	1464	3.1655411
1225	3.0881361	1285	3.1089031	1345	3.1287223	1405	3.1476763	1465	3.1658376
1226	3.0884905	1286	3.1092410	1346	3.1290451	1406	3.1479853	1466	3.1661340
1227	3.0888446	1287	3.1095785	1347	3.1293676	1407	3.1482941	1467	3.1664301
1228	3.0891984	1288	3.1099159	1348	3.1296899	1408	3.1486027	1468	3.1667261
1229	3.0895519	1289	3.1102529	1349	3.1300119	1409	3.1489110	1469	3.1670218
1230	3.0899051	1290	3.1105897	1350	3.1303338	1410	3.1492191	1470	3.1673173
1231	3.0902580	1291	3.1109262	1351	3.1306553	1411	3.1495270	1471	3.1676127
1232	3.0906107	1292	3.1112625	1352	3.1309767	1412	3.1498347	1472	3.1679078
1233	3.0909631	1293	3.1115985	1353	3.1312978	1413	3.1501422	1473	3.1682027
1234	3.0913152	1294	3.1119343	1354	3.1316187	1414	3.1504494	1474	3.1684975
1235	3.0916670	1295	3.1122698	1355	3.1319393	1415	3.1507564	1475	3.1687920
1236	3.0920185	1296	3.1126050	1356	3.1322597	1416	3.1510633	1476	3.1690864
1237	3.0923697	1297	3.1129400	1357	3.1325798	1417	3.1513698	1477	3.1693805
1238	3.0927206	1298	3.1132746	1358	3.1328998	1418	3.1516762	1478	3.1696744
1239	3.0930713	1299	3.1136091	1359	3.1332195	1419	3.1519824	1479	3.1699682
1240	3.0934217	1300	3.1139433	1360	3.1335389	1420	3.1522883	1480	3.1702617
1241	3.0937718	1301	3.1142773	1361	3.1338581	1421	3.1525941	1481	3.1705551
1242	3.0941216	1302	3.1146110	1362	3.1341771	1422	3.1528996	1482	3.1708482
1243	3.0944711	1303	3.1149444	1363	3.1344959	1423	3.1532049	1483	3.1711412
1244	3.0948204	1304	3.1152776	1364	3.1348144	1424	3.1535100	1484	3.1714339
1245	3.0951693	1305	3.1156105	1365	3.1351326	1425	3.1538149	1485	3.1717265
1246	3.0955180	1306	3.1159432	1366	3.1354507	1426	3.1541195	1486	3.1720188
1247	3.0958664	1307	3.1162756	1367	3.1357685	1427	3.1544240	1487	3.1723110
1248	3.0962146	1308	3.1166077	1368	3.1360861	1428	3.1547282	1488	3.1726029
1249	3.0965624	1309	3.1169396	1369	3.1364034	1429	3.1550322	1489	3.1728947
1250	3.0969100	1310	3.1172713	1370	3.1367206	1430	3.1553360	1490	3.1731863
1251	3.0972573	1311	3.1176027	1371	3.1370375	1431	3.1556396	1491	3.1734776
1252	3.0976043	1312	3.1179338	1372	3.1373541	1432	3.1559430	1492	3.1737688
1253	3.0979511	1313	3.1182647	1373	3.1376705	1433	3.1562462	1493	3.1740598
1254	3.0982975	1314	3.1185954	1374	3.1379867	1434	3.1565491	1494	3.1743506
1255	3.0986437	1315	3.1189257	1375	3.1383027	1435	3.1568519	1495	3.1746412
1256	3.0989896	1316	3.1192559	1376	3.1386184	1436	3.1571544	1496	3.1749316
1257	3.0993353	1317	3.1195858	1377	3.1389339	1437	3.1574568	1497	3.1752218
1258	3.0996806	1318	3.1199154	1378	3.1392492	1438	3.1577589	1498	3.1755118
1259	3.1000257	1319	3.1202448	1379	3.1395643	1439	3.1580608	1499	3.1758016
1260	3.1003705	1320	3.1205739	1380	3.1398791	1440	3.1583625	1500	3.1760913

1501

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
1501	3.1763807	1561	3.1934029	1621	3.2097830	1681	3.2255677	1741	3.2407988
1502	3.1766699	1562	3.1936810	1622	3.2100508	1682	3.2258260	1742	3.2410481
1503	3.1769590	1563	3.1939590	1623	3.2103185	1683	3.2260841	1743	3.2412974
1504	3.1772478	1564	3.1942367	1624	3.2105860	1684	3.2263421	1744	3.2415465
1505	3.1775365	1565	3.1945143	1625	3.2108534	1685	3.2265999	1745	3.2417954
1506	3.1778250	1566	3.1947918	1626	3.2111205	1686	3.2268576	1746	3.2420442
1507	3.1781133	1567	3.1950690	1627	3.2113876	1687	3.2271151	1747	3.2422929
1508	3.1784013	1568	3.1953461	1628	3.2116544	1688	3.2273724	1748	3.2425414
1509	3.1786892	1569	3.1956229	1629	3.2119211	1689	3.2276296	1749	3.2427898
1510	3.1789769	1570	3.1958997	1630	3.2121876	1690	3.2278867	1750	3.2430380
1511	3.1792645	1571	3.1961762	1631	3.2124540	1691	3.2281436	1751	3.2432861
1512	3.1795518	1572	3.1964525	1632	3.2127201	1692	3.2284004	1752	3.2435341
1513	3.1798389	1573	3.1967287	1633	3.2129862	1693	3.2286570	1753	3.2437819
1514	3.1801259	1574	3.1970047	1634	3.2132521	1694	3.2289134	1754	3.2440296
1515	3.1804126	1575	3.1972806	1635	3.2135178	1695	3.2291697	1755	3.2442771
1516	3.1806992	1576	3.1975562	1636	3.2137833	1696	3.2294258	1756	3.2445245
1517	3.1809856	1577	3.1978317	1637	3.2140487	1697	3.2296818	1757	3.2447718
1518	3.1812718	1578	3.1981070	1638	3.2143139	1698	3.2299377	1758	3.2450189
1519	3.1815578	1579	3.1983821	1639	3.2145790	1699	3.2301934	1759	3.2452658
1520	3.1818436	1580	3.1986571	1640	3.2148438	1700	3.2304489	1760	3.2455127
1521	3.1821292	1581	3.1989319	1641	3.2151086	1701	3.2307043	1761	3.2457594
1522	3.1824146	1582	3.1992065	1642	3.2153732	1702	3.2309596	1762	3.2460059
1523	3.1826999	1583	3.1994809	1643	3.2156376	1703	3.2312146	1763	3.2462523
1524	3.1829850	1584	3.1997552	1644	3.2159018	1704	3.2314696	1764	3.2464986
1525	3.1832698	1585	3.2000293	1645	3.2161659	1705	3.2317244	1765	3.2467447
1526	3.1835545	1586	3.2003032	1646	3.2164298	1706	3.2319790	1766	3.2469907
1527	3.1838390	1587	3.2005769	1647	3.2166936	1707	3.2322335	1767	3.2472365
1528	3.1841234	1588	3.2008505	1648	3.2169572	1708	3.2324879	1768	3.2474823
1529	3.1844075	1589	3.2011239	1649	3.2172207	1709	3.2327421	1769	3.2477278
1530	3.1846914	1590	3.2013971	1650	3.2174839	1710	3.2329961	1770	3.2479733
1531	3.1849752	1591	3.2016702	1651	3.2177471	1711	3.2332500	1771	3.2482186
1532	3.1852588	1592	3.2019431	1652	3.2180100	1712	3.2335038	1772	3.2484637
1533	3.1855421	1593	3.2022158	1653	3.2182729	1713	3.2337574	1773	3.2487087
1534	3.1858254	1594	3.2024883	1654	3.2185355	1714	3.2340108	1774	3.2489536
1535	3.1861084	1595	3.2027607	1655	3.2187980	1715	3.2342641	1775	3.2491984
1536	3.1863912	1596	3.2030329	1656	3.2190603	1716	3.2345173	1776	3.2494430
1537	3.1866739	1597	3.2033049	1657	3.2193225	1717	3.2347703	1777	3.2496874
1538	3.1869563	1598	3.2035768	1658	3.2195845	1718	3.2350232	1778	3.2499318
1539	3.1872386	1599	3.2038485	1659	3.2198464	1719	3.2352759	1779	3.2501759
1540	3.1875207	1600	3.2041200	1660	3.2201081	1720	3.2355284	1780	3.2504200
1541	3.1878026	1601	3.2043913	1661	3.2203696	1721	3.2357809	1781	3.2506639
1542	3.1880844	1602	3.2046625	1662	3.2206310	1722	3.2360331	1782	3.2509077
1543	3.1883659	1603	3.2049335	1663	3.2208922	1723	3.2362853	1783	3.2511513
1544	3.1886473	1604	3.2052044	1664	3.2211533	1724	3.2365373	1784	3.2513949
1545	3.1889285	1605	3.2054750	1665	3.2214142	1725	3.2367891	1785	3.2516382
1546	3.1892092	1606	3.2057455	1666	3.2216750	1726	3.2370408	1786	3.2518815
1547	3.1894903	1607	3.2060159	1667	3.2219356	1727	3.2372923	1787	3.2521246
1548	3.1897710	1608	3.2062860	1668	3.2221960	1728	3.2375437	1788	3.2523675
1549	3.1900514	1609	3.2065560	1669	3.2224563	1729	3.2377950	1789	3.2526103
1550	3.1903317	1610	3.2068259	1670	3.2227165	1730	3.2380461	1790	3.2528530
1551	3.1906118	1611	3.2070955	1671	3.2229764	1731	3.2382971	1791	3.2530956
1552	3.1908917	1612	3.2073650	1672	3.2232363	1732	3.2385479	1792	3.2533380
1553	3.1911715	1613	3.2076344	1673	3.2234959	1733	3.2387986	1793	3.2535803
1554	3.1914510	1614	3.2079035	1674	3.2237555	1734	3.2390491	1794	3.2538224
1555	3.1917304	1615	3.2081725	1675	3.2240148	1735	3.2392995	1795	3.2540645
1556	3.1920096	1616	3.2084414	1676	3.2242740	1736	3.2395497	1796	3.2543063
1557	3.1922886	1617	3.2087100	1677	3.2245331	1737	3.2397998	1797	3.2545481
1558	3.1925674	1618	3.2089785	1678	3.2247920	1738	3.2400498	1798	3.2547897
1559	3.1928461	1619	3.2092468	1679	3.2250507	1739	3.2402996	1799	3.2550312
1560	3.1931246	1620	3.2095150	1680	3.2253093	1740	3.2405492	1800	3.2552725

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
1801	3.2555137	1861	3.2697464	1921	3.2835274	1981	3.2968845	2041	3.3098430
1802	3.2557548	1862	3.2699797	1922	3.2837534	1982	3.2971036	2042	3.3100557
1803	3.2559957	1863	3.2702129	1923	3.2839793	1983	3.2973227	2043	3.3102684
1804	3.2562365	1864	3.2704459	1924	3.2842051	1984	3.2975417	2044	3.3104809
1805	3.2564772	1865	3.2706788	1925	3.2844307	1985	3.2977605	2045	3.3106933
1806	3.2567177	1866	3.2709116	1926	3.2846563	1986	3.2979792	2046	3.3109056
1807	3.2569582	1867	3.2711443	1927	3.2848817	1987	3.2981979	2047	3.3111178
1808	3.2571984	1868	3.2713769	1928	3.2851070	1988	3.2984164	2048	3.3113299
1809	3.2574386	1869	3.2716093	1929	3.2853322	1989	3.2986348	2049	3.3115420
1810	3.2576786	1870	3.2718416	1930	3.2855573	1990	3.2988531	2050	3.3117539
1811	3.2579184	1871	3.2720738	1931	3.2857823	1991	3.2990713	2051	3.3119657
1812	3.2581582	1872	3.2723058	1932	3.2860071	1992	3.2992893	2052	3.3121774
1813	3.2583978	1873	3.2725378	1933	3.2862319	1993	3.2995073	2053	3.3123889
1814	3.2586373	1874	3.2727696	1934	3.2864565	1994	3.2997252	2054	3.3126004
1815	3.2588766	1875	3.2730013	1935	3.2866810	1995	3.2999429	2055	3.3128118
1816	3.2591158	1876	3.2732328	1936	3.2869054	1996	3.3001605	2056	3.3130231
1817	3.2593549	1877	3.2734643	1937	3.2871296	1997	3.3003781	2057	3.3132343
1818	3.2595939	1878	3.2736956	1938	3.2873538	1998	3.3005955	2058	3.3134454
1819	3.2598327	1879	3.2739268	1939	3.2875778	1999	3.3008128	2059	3.3136562
1820	3.2600714	1880	3.2741578	1940	3.2878017	2000	3.3010300	2060	3.3138672
1821	3.2603099	1881	3.2743888	1941	3.2880255	2001	3.3012471	2061	3.3140780
1822	3.2605484	1882	3.2746196	1942	3.2882492	2002	3.3014641	2062	3.3142887
1823	3.2607867	1883	3.2748503	1943	3.2884728	2003	3.3016809	2063	3.3144992
1824	3.2610248	1884	3.2750809	1944	3.2886963	2004	3.3018977	2064	3.3147097
1825	3.2612629	1885	3.2753114	1945	3.2889196	2005	3.3021144	2065	3.3149201
1826	3.2615008	1886	3.2755417	1946	3.2891428	2006	3.3023309	2066	3.3151303
1827	3.2617385	1887	3.2757719	1947	3.2893659	2007	3.3025474	2067	3.3153405
1828	3.2619762	1888	3.2760020	1948	3.2895889	2008	3.3027637	2068	3.3155505
1829	3.2622137	1889	3.2762320	1949	3.2898118	2009	3.3029799	2069	3.3157605
1830	3.2624511	1890	3.2764618	1950	3.2900346	2010	3.3031961	2070	3.3159703
1831	3.2626883	1891	3.2766915	1951	3.2902573	2011	3.3034121	2071	3.3161801
1832	3.2629255	1892	3.2769211	1952	3.2904798	2012	3.3036280	2072	3.3163897
1833	3.2631625	1893	3.2771506	1953	3.2907022	2013	3.3038438	2073	3.3165993
1834	3.2633993	1894	3.2773800	1954	3.2909246	2014	3.3040595	2074	3.3168088
1835	3.2636361	1895	3.2776092	1955	3.2911468	2015	3.3042751	2075	3.3170181
1836	3.2638727	1896	3.2778383	1956	3.2913688	2016	3.3044905	2076	3.3172273
1837	3.2641092	1897	3.2780673	1957	3.2915908	2017	3.3047059	2077	3.3174365
1838	3.2643455	1898	3.2782962	1958	3.2918127	2018	3.3049212	2078	3.3176455
1839	3.2645817	1899	3.2785250	1959	3.2920344	2019	3.3051363	2079	3.3178545
1840	3.2648178	1900	3.2787536	1960	3.2922561	2020	3.3053514	2080	3.3180633
1841	3.2650538	1901	3.2789821	1961	3.2924776	2021	3.3055663	2081	3.3182721
1842	3.2652896	1902	3.2792105	1962	3.2926990	2022	3.3057812	2082	3.3184807
1843	3.2655253	1903	3.2794388	1963	3.2929203	2023	3.3059959	2083	3.3186893
1844	3.2657609	1904	3.2796669	1964	3.2931415	2024	3.3062105	2084	3.3188977
1845	3.2659964	1905	3.2798950	1965	3.2933626	2025	3.3064250	2085	3.3191061
1846	3.2662317	1906	3.2801229	1966	3.2935835	2026	3.3066394	2086	3.3193143
1847	3.2664669	1907	3.2803507	1967	3.2938044	2027	3.3068537	2087	3.3195224
1848	3.2667020	1908	3.2805784	1968	3.2940251	2028	3.3070679	2088	3.3197305
1849	3.2669369	1909	3.2808059	1969	3.2942457	2029	3.3072820	2089	3.3199384
1850	3.2671717	1910	3.2810334	1970	3.2944662	2030	3.3074960	2090	3.3201463
1851	3.2674064	1911	3.2812607	1971	3.2946866	2031	3.3077099	2091	3.3203540
1852	3.2676410	1912	3.2814879	1972	3.2949069	2032	3.3079237	2092	3.3205617
1853	3.2678754	1913	3.2817150	1973	3.2951271	2033	3.3081374	2093	3.3207692
1854	3.2681097	1914	3.2819419	1974	3.2953471	2034	3.3083509	2094	3.3209767
1855	3.2683439	1915	3.2821688	1975	3.2955671	2035	3.3085644	2095	3.3211840
1856	3.2685780	1916	3.2823955	1976	3.2957869	2036	3.3087778	2096	3.3213913
1857	3.2688119	1917	3.2826221	1977	3.2960067	2037	3.3089910	2097	3.3215984
1858	3.2690457	1918	3.2828486	1978	3.2962263	2038	3.3092042	2098	3.3218055
1859	3.2692794	1919	3.2830750	1979	3.2964458	2039	3.3094172	2099	3.3220124
1860	3.2695129	1920	3.2833012	1980	3.2966652	2040	3.3096302	2100	3.3222193

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
2101	3. 3224260	2161	3. 3346548	2221	3. 3465486	2281	3. 3581253	2341	3. 3694014
2102	3. 3226327	2162	3. 3348557	2222	3. 3467441	2282	3. 3583156	2342	3. 3695869
2103	3. 3228393	2163	3. 3350565	2223	3. 3469395	2283	3. 3585059	2343	3. 3697723
2104	3. 3230457	2164	3. 3352573	2224	3. 3471348	2284	3. 3586961	2344	3. 3699576
2105	3. 3232521	2165	3. 3354579	2225	3. 3473300	2285	3. 3588862	2345	3. 3701428
2106	3. 3234584	2166	3. 3356585	2226	3. 3475252	2286	3. 3590762	2346	3. 3703280
2107	3. 3236645	2167	3. 3358589	2227	3. 3477202	2287	3. 3592662	2347	3. 3705131
2108	3. 3238706	2168	3. 3360593	2228	3. 3479152	2288	3. 3594560	2348	3. 3706981
2109	3. 3240766	2169	3. 3362597	2229	3. 3481101	2289	3. 3596458	2349	3. 3708830
2110	3. 3242825	2170	3. 3364597	2230	3. 3483996	2290	3. 3598355	2350	3. 3710679
2111	3. 3244882	2171	3. 3366598	2231	3. 3484996	2291	3. 3600351	2351	3. 3712526
2112	3. 3246939	2172	3. 3368598	2232	3. 3486942	2292	3. 3602146	2352	3. 3714373
2113	3. 3248995	2173	3. 3370597	2233	3. 3488887	2293	3. 3604041	2353	3. 3716219
2114	3. 3251050	2174	3. 3372595	2234	3. 3490832	2294	3. 3605934	2354	3. 3718065
2115	3. 3253104	2175	3. 3374593	2235	3. 3492775	2295	3. 3607827	2355	3. 3719909
2116	3. 3255157	2176	3. 3376589	2236	3. 3494718	2296	3. 3609719	2356	3. 3721753
2117	3. 3257209	2177	3. 3378584	2237	3. 3496660	2297	3. 3611610	2357	3. 3723596
2118	3. 3259260	2178	3. 3380579	2238	3. 3498601	2298	3. 3613500	2358	3. 3725438
2119	3. 3261310	2179	3. 3382572	2239	3. 3500541	2299	3. 3615390	2359	3. 3727279
2120	3. 3263359	2180	3. 3384565	2240	3. 3502480	2300	3. 3617278	2360	3. 3729120
2121	3. 3265407	2181	3. 3386557	2241	3. 3504419	2301	3. 3619166	2361	3. 3730960
2122	3. 3267454	2182	3. 3388547	2242	3. 3506356	2302	3. 3621053	2362	3. 3732799
2123	3. 3269500	2183	3. 3390537	2243	3. 3508293	2303	3. 3622939	2363	3. 3734637
2124	3. 3271545	2184	3. 3392526	2244	3. 3510228	2304	3. 3624825	2364	3. 3736475
2125	3. 3273589	2185	3. 3394514	2245	3. 3512163	2305	3. 3626709	2365	3. 3738311
2126	3. 3275633	2186	3. 3396502	2246	3. 3514098	2306	3. 3628593	2366	3. 3740147
2127	3. 3277675	2187	3. 3398488	2247	3. 3516031	2307	3. 3630476	2367	3. 3741983
2128	3. 3279716	2188	3. 3400473	2248	3. 3517963	2308	3. 3632358	2368	3. 3743817
2129	3. 3281757	2189	3. 3402458	2249	3. 3519895	2309	3. 3634239	2369	3. 3745651
2130	3. 3283796	2190	3. 3404441	2250	3. 3521825	2310	3. 3636120	2370	3. 3747483
2131	3. 3285834	2191	3. 3406424	2251	3. 3523755	2311	3. 3637999	2371	3. 3749316
2132	3. 3287872	2192	3. 3408405	2252	3. 3525684	2312	3. 3639878	2372	3. 3751147
2133	3. 3289909	2193	3. 3410386	2253	3. 3527612	2313	3. 3641756	2373	3. 3752977
2134	3. 3291944	2194	3. 3412366	2254	3. 3529539	2314	3. 3643634	2374	3. 3754807
2135	3. 3293979	2195	3. 3414345	2255	3. 3531465	2315	3. 3645510	2375	3. 3756636
2136	3. 3296012	2196	3. 3416323	2256	3. 3533391	2316	3. 3647386	2376	3. 3758464
2137	3. 3298045	2197	3. 3418301	2257	3. 3535316	2317	3. 3649260	2377	3. 3760292
2138	3. 3300077	2198	3. 3420277	2258	3. 3537239	2318	3. 3651134	2378	3. 3762118
2139	3. 3302108	2199	3. 3422252	2259	3. 3539162	2319	3. 3653007	2379	3. 3763944
2140	3. 3304138	2200	3. 3424227	2260	3. 3541084	2320	3. 3654880	2380	3. 3765770
2141	3. 3306167	2201	3. 3426200	2261	3. 3543006	2321	3. 3656751	2381	3. 3767594
2142	3. 3308195	2202	3. 3428173	2262	3. 3544926	2322	3. 3658622	2382	3. 3769418
2143	3. 3310222	2203	3. 3430145	2263	3. 3546846	2323	3. 3660492	2383	3. 3771240
2144	3. 3312248	2204	3. 3432116	2264	3. 3548764	2324	3. 3662361	2384	3. 3773062
2145	3. 3314273	2205	3. 3434086	2265	3. 3550682	2325	3. 3664230	2385	3. 3774884
2146	3. 3316297	2206	3. 3436055	2266	3. 3552599	2326	3. 3666097	2386	3. 3776704
2147	3. 3318320	2207	3. 3438023	2267	3. 3554515	2327	3. 3667964	2387	3. 3778524
2148	3. 3320343	2208	3. 3439991	2268	3. 3556430	2328	3. 3669830	2388	3. 3780343
2149	3. 3322364	2209	3. 3441957	2269	3. 3558345	2329	3. 3671695	2389	3. 3782161
2150	3. 3324385	2210	3. 3443923	2270	3. 3560259	2330	3. 3673559	2390	3. 3783979
2151	3. 3326404	2211	3. 3445887	2271	3. 3562171	2331	3. 3675423	2391	3. 3785796
2152	3. 3328423	2212	3. 3447851	2272	3. 3564083	2332	3. 3677285	2392	3. 3787612
2153	3. 3330440	2213	3. 3449814	2273	3. 3565994	2333	3. 3679147	2393	3. 3789427
2154	3. 3332457	2214	3. 3451776	2274	3. 3567905	2334	3. 3681008	2394	3. 3791241
2155	3. 3334473	2215	3. 3453737	2275	3. 3569814	2335	3. 3682869	2395	3. 3793055
2156	3. 3336488	2216	3. 3455698	2276	3. 3571723	2336	3. 3684728	2396	3. 3794868
2157	3. 3338501	2217	3. 3457657	2277	3. 3573630	2337	3. 3686587	2397	3. 3796680
2158	3. 3340514	2218	3. 3459615	2278	3. 3575537	2338	3. 3688445	2398	3. 3798492
2159	3. 3342526	2219	3. 3461573	2279	3. 3577443	2339	3. 3690302	2399	3. 3800302
2160	3. 3344538	2220	3. 3463530	2280	3. 3579348	2340	3. 3692159	2400	3. 3802112

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II

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
2401	3.3803922	2461	3.3911116	2521	3.4015728	2581	3.4117880	2641	3.4217684
2402	3.3805730	2462	3.3912880	2522	3.4017451	2582	3.4119562	2642	3.4219328
2403	3.3807538	2463	3.3914644	2523	3.4019173	2583	3.4121244	2643	3.4220972
2404	3.3809345	2464	3.3916407	2524	3.4020893	2584	3.4122925	2644	3.4222614
2405	3.3811151	2465	3.3918169	2525	3.4022614	2585	3.4124605	2645	3.4224257
2406	3.3812956	2466	3.3919931	2526	3.4024333	2586	3.4126285	2646	3.4225898
2407	3.3814761	2467	3.3921691	2527	3.4026052	2587	3.4127964	2647	3.4227539
2408	3.3816565	2468	3.3923452	2528	3.4027771	2588	3.4129643	2648	3.4229180
2409	3.3818368	2469	3.3925211	2529	3.4029488	2589	3.4131320	2649	3.4230820
2410	3.3820170	2470	3.3926970	2530	3.4031205	2590	3.4132998	2650	3.4232459
2411	3.3821972	2471	3.3928727	2531	3.4032921	2591	3.4134674	2651	3.4234097
2412	3.3823773	2472	3.3930485	2532	3.4034637	2592	3.4136350	2652	3.4235735
2413	3.3825573	2473	3.3932241	2533	3.4036352	2593	3.4138025	2653	3.4237372
2414	3.3827373	2474	3.3933997	2534	3.4038066	2594	3.4139700	2654	3.4239009
2415	3.3829171	2475	3.3935752	2535	3.4039780	2595	3.4141374	2655	3.4240645
2416	3.3830969	2476	3.3937506	2536	3.4041492	2596	3.4143047	2656	3.4242281
2417	3.3832767	2477	3.3939260	2537	3.4043205	2597	3.4144719	2657	3.4243916
2418	3.3834563	2478	3.3941013	2538	3.4044916	2598	3.4146391	2658	3.4245550
2419	3.3836359	2479	3.3942765	2539	3.4046627	2599	3.4148063	2659	3.4247183
2420	3.3838154	2480	3.3944517	2540	3.4048337	2600	3.4149733	2660	3.4248816
2421	3.3839948	2481	3.3946268	2541	3.4050047	2601	3.4151404	2661	3.4250449
2422	3.3841741	2482	3.3948018	2542	3.4051755	2602	3.4153073	2662	3.4252080
2423	3.3843534	2483	3.3949767	2543	3.4053464	2603	3.4154742	2663	3.4253712
2424	3.3845326	2484	3.3951516	2544	3.4055171	2604	3.4156410	2664	3.4255342
2425	3.3847117	2485	3.3953264	2545	3.4056878	2605	3.4158077	2665	3.4256972
2426	3.3848908	2486	3.3955011	2546	3.4058584	2606	3.4159744	2666	3.4258601
2427	3.3850698	2487	3.3956758	2547	3.4060289	2607	3.4161410	2667	3.4260230
2428	3.3852487	2488	3.3958504	2548	3.4061994	2608	3.4163076	2668	3.4261858
2429	3.3854275	2489	3.3960249	2549	3.4063698	2609	3.4164741	2669	3.4263486
2430	3.3856063	2490	3.3961993	2550	3.4065402	2610	3.4166405	2670	3.4265113
2431	3.3857850	2491	3.3963737	2551	3.4067105	2611	3.4168069	2671	3.4266739
2432	3.3859636	2492	3.3965480	2552	3.4068807	2612	3.4169732	2672	3.4268365
2433	3.3861421	2493	3.3967223	2553	3.4070508	2613	3.4171394	2673	3.4269990
2434	3.3863206	2494	3.3968964	2554	3.4072209	2614	3.4173056	2674	3.4271614
2435	3.3864990	2495	3.3970706	2555	3.4073909	2615	3.4174717	2675	3.4273238
2436	3.3866773	2496	3.3972446	2556	3.4075608	2616	3.4176377	2676	3.4274861
2437	3.3868555	2497	3.3974185	2557	3.4077307	2617	3.4178037	2677	3.4276484
2438	3.3870337	2498	3.3975924	2558	3.4079005	2618	3.4179696	2678	3.4278106
2439	3.3872118	2499	3.3977663	2559	3.4080703	2619	3.4181355	2679	3.4279727
2440	3.3873898	2500	3.3979400	2560	3.4082400	2620	3.4183013	2680	3.4281348
2441	3.3875678	2501	3.3981137	2561	3.4084096	2621	3.4184670	2681	3.4282968
2442	3.3877457	2502	3.3982873	2562	3.4085791	2622	3.4186327	2682	3.4284588
2443	3.3879235	2503	3.3984608	2563	3.4087486	2623	3.4187983	2683	3.4286207
2444	3.3881012	2504	3.3986343	2564	3.4089180	2624	3.4189638	2684	3.4287825
2445	3.3882789	2505	3.3988077	2565	3.4090874	2625	3.4191293	2685	3.4289443
2446	3.3884565	2506	3.3989811	2566	3.4092567	2626	3.4192947	2686	3.4291060
2447	3.3886340	2507	3.3991543	2567	3.4094259	2627	3.4194601	2687	3.4292677
2448	3.3888114	2508	3.3993275	2568	3.4095950	2628	3.4196254	2688	3.4294293
2449	3.3889888	2509	3.3995007	2569	3.4097641	2629	3.4197906	2689	3.4295908
2450	3.3891661	2510	3.3996737	2570	3.4099331	2630	3.4199557	2690	3.4297523
2451	3.3893433	2511	3.3998467	2571	3.4101021	2631	3.4201208	2691	3.4299137
2452	3.3895205	2512	3.4000196	2572	3.4102710	2632	3.4202859	2692	3.4300751
2453	3.3896975	2513	3.4001925	2573	3.4104398	2633	3.4204509	2693	3.4302364
2454	3.3898746	2514	3.4003653	2574	3.4106085	2634	3.4206158	2694	3.4303976
2455	3.3900515	2515	3.4005380	2575	3.4107772	2635	3.4207806	2695	3.4305588
2456	3.3902284	2516	3.4007106	2576	3.4109459	2636	3.4209454	2696	3.4307199
2457	3.3904052	2517	3.4008832	2577	3.4111144	2637	3.4211101	2697	3.4308809
2458	3.3905819	2518	3.4010557	2578	3.4112829	2638	3.4212748	2698	3.4310419
2459	3.3907585	2519	3.4012282	2579	3.4114513	2639	3.4214394	2699	3.4312029
2460	3.3909351	2520	3.4014005	2580	3.4116197	2640	3.4216039	2700	3.4313638

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
2701	3.4315246	2761	3.4410664	2821	3.4504031	2881	3.4595433	2941	3.4684950
2702	3.4316853	2762	3.4412237	2822	3.4505570	2882	3.4596940	2942	3.4686427
2703	3.4318460	2763	3.4413809	2823	3.4507109	2883	3.4598446	2943	3.4687903
2704	3.4320067	2764	3.4415380	2824	3.4508647	2884	3.4599953	2944	3.4689378
2705	3.4321673	2765	3.4416951	2825	3.4510184	2885	3.4601458	2945	3.4690853
2706	3.4323278	2766	3.4418522	2826	3.4511722	2886	3.4602963	2946	3.4692327
2707	3.4324883	2767	3.4420092	2827	3.4513258	2887	3.4604468	2947	3.4693801
2708	3.4326487	2768	3.4421661	2828	3.4514794	2888	3.4605972	2948	3.4695275
2709	3.4328090	2769	3.4423230	2829	3.4516329	2889	3.4607475	2949	3.4696748
2710	3.4329693	2770	3.4424798	2830	3.4517864	2890	3.4608978	2950	3.4698220
2711	3.4331295	2771	3.4426365	2831	3.4519399	2891	3.4610481	2951	3.4699692
2712	3.4332897	2772	3.4427932	2832	3.4520932	2892	3.4611983	2952	3.4701163
2713	3.4334498	2773	3.4429499	2833	3.4522466	2893	3.4613484	2953	3.4702634
2714	3.4336098	2774	3.4431065	2834	3.4523998	2894	3.4614985	2954	3.4704105
2715	3.4337698	2775	3.4432630	2835	3.4525531	2895	3.4616486	2955	3.4705575
2716	3.4339298	2776	3.4434195	2836	3.4527062	2896	3.4617986	2956	3.4707044
2717	3.4340896	2777	3.4435759	2837	3.4528593	2897	3.4619485	2957	3.4708513
2718	3.4342494	2778	3.4437322	2838	3.4530124	2898	3.4620984	2958	3.4709982
2719	3.4344092	2779	3.4438885	2839	3.4531654	2899	3.4622482	2959	3.4711450
2720	3.4345689	2780	3.4440448	2840	3.4533183	2900	3.4623980	2960	3.4712917
2721	3.4347285	2781	3.4442010	2841	3.4534712	2901	3.4625477	2961	3.4714384
2722	3.4348881	2782	3.4443571	2842	3.4536241	2902	3.4626974	2962	3.4715851
2723	3.4350476	2783	3.4445132	2843	3.4537769	2903	3.4628470	2963	3.4717317
2724	3.4352071	2784	3.4446692	2844	3.4539296	2904	3.4629966	2964	3.4718782
2725	3.4353665	2785	3.4448252	2845	3.4540823	2905	3.4631461	2965	3.4720247
2726	3.4355258	2786	3.4449811	2846	3.4542349	2906	3.4632956	2966	3.4721711
2727	3.4356851	2787	3.4451370	2847	3.4543875	2907	3.4634450	2967	3.4723175
2728	3.4358444	2788	3.4452928	2848	3.4545400	2908	3.4635944	2968	3.4724639
2729	3.4360035	2789	3.4454485	2849	3.4546924	2909	3.4637437	2969	3.4726102
2730	3.4361626	2790	3.4456042	2850	3.4548449	2910	3.4638930	2970	3.4727564
2731	3.4363217	2791	3.4457598	2851	3.4549972	2911	3.4640422	2971	3.4729027
2732	3.4364807	2792	3.4459154	2852	3.4551495	2912	3.4641914	2972	3.4730488
2733	3.4366396	2793	3.4460709	2853	3.4553018	2913	3.4643405	2973	3.4731949
2734	3.4367985	2794	3.4462264	2854	3.4554540	2914	3.4644895	2974	3.4733410
2735	3.4369573	2795	3.4463818	2855	3.4556061	2915	3.4646386	2975	3.4734870
2736	3.4371161	2796	3.4465372	2856	3.4557582	2916	3.4647875	2976	3.4736329
2737	3.4372748	2797	3.4466925	2857	3.4559102	2917	3.4649364	2977	3.4737788
2738	3.4374334	2798	3.4468477	2858	3.4560622	2918	3.4650853	2978	3.4739247
2739	3.4375920	2799	3.4470029	2859	3.4562142	2919	3.4652341	2979	3.4740705
2740	3.4377506	2800	3.4471580	2860	3.4563660	2920	3.4653828	2980	3.4742163
2741	3.4379090	2801	3.4473131	2861	3.4565179	2921	3.4655316	2981	3.4743620
2742	3.4380675	2802	3.4474681	2862	3.4566696	2922	3.4656802	2982	3.4745076
2743	3.4382258	2803	3.4476231	2863	3.4568213	2923	3.4658288	2983	3.4746533
2744	3.4383841	2804	3.4477780	2864	3.4569730	2924	3.4659774	2984	3.4747988
2745	3.4385423	2805	3.4479329	2865	3.4571246	2925	3.4661259	2985	3.4749443
2746	3.4387005	2806	3.4480877	2866	3.4572762	2926	3.4662743	2986	3.4750898
2747	3.4388587	2807	3.4482424	2867	3.4574277	2927	3.4664227	2987	3.4752352
2748	3.4390167	2808	3.4483971	2868	3.4575791	2928	3.4665711	2988	3.4753806
2749	3.4391747	2809	3.4485517	2869	3.4577305	2929	3.4667194	2989	3.4755259
2750	3.4393327	2810	3.4487063	2870	3.4578819	2930	3.4668676	2990	3.4756712
2751	3.4394906	2811	3.4488608	2871	3.4580332	2931	3.4670158	2991	3.4758164
2752	3.4396484	2812	3.4490153	2872	3.4581844	2932	3.4671640	2992	3.4759616
2753	3.4398062	2813	3.4491697	2873	3.4583356	2933	3.4673121	2993	3.4761067
2754	3.4399639	2814	3.4493241	2874	3.4584868	2934	3.4674601	2994	3.4762518
2755	3.4401216	2815	3.4494784	2875	3.4586378	2935	3.4676081	2995	3.4763968
2756	3.4402792	2816	3.4496326	2876	3.4587889	2936	3.4677560	2996	3.4765418
2757	3.4404368	2817	3.4497868	2877	3.4589399	2937	3.4679039	2997	3.4766867
2758	3.4405943	2818	3.4499410	2878	3.4590908	2938	3.4680518	2998	3.4768316
2759	3.4407517	2819	3.4500951	2879	3.4592417	2939	3.4681996	2999	3.4769765
2760	3.4409091	2820	3.4502491	2880	3.4593925	2940	3.4683473	3000	3.4771213

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
3001	3.4772660	3061	3.4858633	3121	3.4942938	3181	3.5025637	3241	3.5106790
3002	3.4774107	3062	3.4860052	3122	3.4944329	3182	3.5027002	3242	3.5108130
3003	3.4775553	3063	3.4861470	3123	3.4945720	3183	3.5028366	3243	3.5109469
3004	3.4776999	3064	3.4862888	3124	3.4947110	3184	3.5029731	3244	3.5110808
3005	3.4778445	3065	3.4864305	3125	3.4948500	3185	3.5031094	3245	3.5112147
3006	3.4779890	3066	3.4865721	3126	3.4949890	3186	3.5032458	3246	3.5113485
3007	3.4781334	3067	3.4867138	3127	3.4951279	3187	3.5033821	3247	3.5114823
3008	3.4782778	3068	3.4868554	3128	3.4952667	3188	3.5035183	3248	3.5116160
3009	3.4784222	3069	3.4869969	3129	3.4954056	3189	3.5036545	3249	3.5117497
3010	3.4785665	3070	3.4871384	3130	3.4955443	3190	3.5037907	3250	3.5118834
3011	3.4787108	3071	3.4872798	3131	3.4956831	3191	3.5039268	3251	3.5120170
3012	3.4788550	3072	3.4874212	3132	3.4958218	3192	3.5040629	3252	3.5121505
3013	3.4789991	3073	3.4875626	3133	3.4959604	3193	3.5041989	3253	3.5122841
3014	3.4791432	3074	3.4877039	3134	3.4960990	3194	3.5043349	3254	3.5124175
3015	3.4792873	3075	3.4878451	3135	3.4962375	3195	3.5044709	3255	3.5125510
3016	3.4794313	3076	3.4879863	3136	3.4963761	3196	3.5046068	3256	3.5126844
3017	3.4795753	3077	3.4881275	3137	3.4965145	3197	3.5047426	3257	3.5128178
3018	3.4797192	3078	3.4882686	3138	3.4966529	3198	3.5048785	3258	3.5129511
3019	3.4798631	3079	3.4884097	3139	3.4967913	3199	3.5050142	3259	3.5130844
3020	3.4800069	3080	3.4885507	3140	3.4969296	3200	3.5051500	3260	3.5132176
3021	3.4801507	3081	3.4886917	3141	3.4970679	3201	3.5052857	3261	3.5133508
3022	3.4802945	3082	3.4888326	3142	3.4972062	3202	3.5054213	3262	3.5134840
3023	3.4804381	3083	3.4889735	3143	3.4973444	3203	3.5055569	3263	3.5136171
3024	3.4805818	3084	3.4891144	3144	3.4974825	3204	3.5056925	3264	3.5137501
3025	3.4807254	3085	3.4892552	3145	3.4976206	3205	3.5058280	3265	3.5138832
3026	3.4808689	3086	3.4893959	3146	3.4977587	3206	3.5059635	3266	3.5140162
3027	3.4810124	3087	3.4895366	3147	3.4978967	3207	3.5060990	3267	3.5141491
3028	3.4811559	3088	3.4896773	3148	3.4980347	3208	3.5062344	3268	3.5142820
3029	3.4812993	3089	3.4898179	3149	3.4981727	3209	3.5063697	3269	3.5144149
3030	3.4814426	3090	3.4899585	3150	3.4983106	3210	3.5065050	3270	3.5145478
3031	3.4815859	3091	3.4900990	3151	3.4984484	3211	3.5066403	3271	3.5146805
3032	3.4817292	3092	3.4902395	3152	3.4985862	3212	3.5067755	3272	3.5148133
3033	3.4818724	3093	3.4903799	3153	3.4987240	3213	3.5069107	3273	3.5149460
3034	3.4820156	3094	3.4905203	3154	3.4988617	3214	3.5070459	3274	3.5150787
3035	3.4821587	3095	3.4906607	3155	3.4989994	3215	3.5071810	3275	3.5152113
3036	3.4823018	3096	3.4908009	3156	3.4991370	3216	3.5073160	3276	3.5153439
3037	3.4824448	3097	3.4909412	3157	3.4992746	3217	3.5074511	3277	3.5154764
3038	3.4825878	3098	3.4910814	3158	3.4994121	3218	3.5075860	3278	3.5156089
3039	3.4827307	3099	3.4912216	3159	3.4995496	3219	3.5077210	3279	3.5157414
3040	3.4828736	3100	3.4913617	3160	3.4996871	3220	3.5078559	3280	3.5158738
3041	3.4830164	3101	3.4915018	3161	3.4998245	3221	3.5079907	3281	3.5160062
3042	3.4831592	3102	3.4916418	3162	3.4999619	3222	3.5081255	3282	3.5161386
3043	3.4833019	3103	3.4917818	3163	3.5000992	3223	3.5082603	3283	3.5162709
3044	3.4834446	3104	3.4919217	3164	3.5002365	3224	3.5083950	3284	3.5164031
3045	3.4835873	3105	3.4920616	3165	3.5003737	3225	3.5085297	3285	3.5165354
3046	3.4837299	3106	3.4922014	3166	3.5005109	3226	3.5086644	3286	3.5166676
3047	3.4838725	3107	3.4923413	3167	3.5006481	3227	3.5087990	3287	3.5167997
3048	3.4840150	3108	3.4924810	3168	3.5007852	3228	3.5089335	3288	3.5169318
3049	3.4841574	3109	3.4926207	3169	3.5009222	3229	3.5090680	3289	3.5170639
3050	3.4842998	3110	3.4927604	3170	3.5010593	3230	3.5092025	3290	3.5171959
3051	3.4844422	3111	3.4929000	3171	3.5011962	3231	3.5093370	3291	3.5173279
3052	3.4845845	3112	3.4930396	3172	3.5013332	3232	3.5094713	3292	3.5174598
3053	3.4847268	3113	3.4931791	3173	3.5014701	3233	3.5096057	3293	3.5175917
3054	3.4848690	3114	3.4933186	3174	3.5016069	3234	3.5097400	3294	3.5177236
3055	3.4850112	3115	3.4934580	3175	3.5017437	3235	3.5098743	3295	3.5178554
3056	3.4851533	3116	3.4935974	3176	3.5018805	3236	3.5100085	3296	3.5179872
3057	3.4852954	3117	3.4937368	3177	3.5020172	3237	3.5101427	3297	3.5181189
3058	3.4854375	3118	3.4938761	3178	3.5021539	3238	3.5102768	3298	3.5182506
3059	3.4855795	3119	3.4940154	3179	3.5022905	3239	3.5104109	3299	3.5183823
3060	3.4857214	3120	3.4941546	3180	3.5024271	3240	3.5105450	3300	3.5185139

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
3301	3.5186455	3361	3.5264685	3421	3.5341531	3481	3.5417040	3541	3.5491259
3302	3.5187771	3362	3.5265977	3422	3.5342800	3482	3.5418288	3542	3.5492486
3303	3.5189086	3363	3.5267269	3423	3.5344069	3483	3.5419535	3543	3.5493712
3304	3.5190400	3364	3.5268560	3424	3.5345338	3484	3.5420781	3544	3.5494937
3305	3.5191715	3365	3.5269851	3425	3.5346606	3485	3.5422028	3545	3.5496162
3306	3.5193028	3366	3.5271141	3426	3.5347874	3486	3.5423274	3546	3.5497387
3307	3.5194342	3367	3.5272431	3427	3.5349141	3487	3.5424519	3547	3.5498612
3308	3.5195655	3368	3.5273721	3428	3.5350408	3488	3.5425765	3548	3.5499836
3309	3.5196968	3369	3.5275010	3429	3.5351675	3489	3.5427010	3549	3.5501060
3310	3.5198280	3370	3.5276299	3430	3.5352941	3490	3.5428254	3550	3.5502284
3311	3.5199592	3371	3.5277588	3431	3.5354207	3491	3.5429498	3551	3.5503507
3312	3.5200903	3372	3.5278876	3432	3.5355473	3492	3.5430742	3552	3.5504730
3313	3.5202214	3373	3.5280163	3433	3.5356738	3493	3.5431986	3553	3.5505952
3314	3.5203525	3374	3.5281451	3434	3.5358003	3494	3.5433229	3554	3.5507174
3315	3.5204835	3375	3.5282738	3435	3.5359267	3495	3.5434472	3555	3.5508396
3316	3.5206145	3376	3.5284024	3436	3.5360532	3496	3.5435714	3556	3.5509618
3317	3.5207455	3377	3.5285311	3437	3.5361795	3497	3.5436956	3557	3.5510839
3318	3.5208764	3378	3.5286596	3438	3.5363059	3498	3.5438198	3558	3.5512059
3319	3.5210073	3379	3.5287882	3439	3.5364322	3499	3.5439439	3559	3.5513280
3320	3.5211381	3380	3.5289167	3440	3.5365584	3500	3.5440680	3560	3.5514500
3321	3.5212689	3381	3.5290452	3441	3.5366847	3501	3.5441921	3561	3.5515720
3322	3.5213996	3382	3.5291736	3442	3.5368109	3502	3.5443161	3562	3.5516939
3323	3.5215303	3383	3.5293020	3443	3.5369370	3503	3.5444401	3563	3.5518158
3324	3.5216610	3384	3.5294304	3444	3.5370631	3504	3.5445641	3564	3.5519377
3325	3.5217916	3385	3.5295587	3445	3.5371892	3505	3.5446880	3565	3.5520595
3326	3.5219222	3386	3.5296870	3446	3.5373153	3506	3.5448119	3566	3.5521813
3327	3.5220528	3387	3.5298152	3447	3.5374413	3507	3.5449358	3567	3.5523031
3328	3.5221833	3388	3.5299434	3448	3.5375673	3508	3.5450596	3568	3.5524248
3329	3.5223138	3389	3.5300716	3449	3.5376932	3509	3.5451834	3569	3.5525465
3330	3.5224442	3390	3.5301997	3450	3.5378191	3510	3.5453071	3570	3.5526682
3331	3.5225746	3391	3.5303278	3451	3.5379450	3511	3.5454308	3571	3.5527898
3332	3.5227050	3392	3.5304558	3452	3.5380708	3512	3.5455545	3572	3.5529114
3333	3.5228353	3393	3.5305839	3453	3.5381966	3513	3.5456781	3573	3.5530330
3334	3.5229656	3394	3.5307118	3454	3.5383223	3514	3.5458018	3574	3.5531545
3335	3.5230958	3395	3.5308398	3455	3.5384481	3515	3.5459253	3575	3.5532760
3336	3.5232260	3396	3.5309677	3456	3.5385737	3516	3.5460489	3576	3.5533975
3337	3.5233562	3397	3.5310955	3457	3.5386994	3517	3.5461724	3577	3.5535189
3338	3.5234863	3398	3.5312234	3458	3.5388250	3518	3.5462958	3578	3.5536403
3339	3.5236164	3399	3.5313512	3459	3.5389506	3519	3.5464193	3579	3.5537617
3340	3.5237465	3400	3.5314789	3460	3.5390761	3520	3.5465427	3580	3.5538830
3341	3.5238765	3401	3.5316066	3461	3.5392016	3521	3.5466660	3581	3.5540043
3342	3.5240064	3402	3.5317343	3462	3.5393271	3522	3.5467894	3582	3.5541256
3343	3.5241364	3403	3.5318619	3463	3.5394525	3523	3.5469126	3583	3.5542468
3344	3.5242663	3404	3.5319895	3464	3.5395779	3524	3.5470359	3584	3.5543680
3345	3.5243961	3405	3.5321171	3465	3.5397032	3525	3.5471591	3585	3.5544892
3346	3.5245259	3406	3.5322446	3466	3.5398286	3526	3.5472823	3586	3.5546103
3347	3.5246557	3407	3.5323721	3467	3.5399538	3527	3.5474055	3587	3.5547314
3348	3.5247854	3408	3.5324996	3468	3.5400791	3528	3.5475286	3588	3.5548524
3349	3.5249151	3409	3.5326270	3469	3.5402043	3529	3.5476517	3589	3.5549735
3350	3.5250448	3410	3.5327544	3470	3.5403295	3530	3.5477747	3590	3.5550944
3351	3.5251744	3411	3.5328817	3471	3.5404546	3531	3.5478977	3591	3.5552154
3352	3.5253040	3412	3.5330090	3472	3.5405797	3532	3.5480207	3592	3.5553363
3353	3.5254336	3413	3.5331363	3473	3.5407048	3533	3.5481436	3593	3.5554572
3354	3.5255631	3414	3.5332635	3474	3.5408298	3534	3.5482665	3594	3.5555781
3355	3.5256925	3415	3.5333907	3475	3.5409548	3535	3.5483894	3595	3.5556989
3356	3.5258219	3416	3.5335179	3476	3.5410798	3536	3.5485123	3596	3.5558197
3357	3.5259513	3417	3.5336450	3477	3.5412047	3537	3.5486351	3597	3.5559404
3358	3.5260807	3418	3.5337721	3478	3.5413296	3538	3.5487578	3598	3.5560612
3359	3.5262100	3419	3.5338991	3479	3.5414544	3539	3.5488806	3599	3.5561818
3360	3.5263393	3420	3.5340261	3480	3.5415792	3540	3.5490033	3600	3.5563025

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
3601	3.5564231	3661	3.5635997	3721	3.5706597	3781	3.5776067	3841	3.5844443
3602	3.5565437	3662	3.5637183	3722	3.5707764	3782	3.5777215	3842	3.5845574
3603	3.5566643	3663	3.5638369	3723	3.5708930	3783	3.5778363	3843	3.5846704
3604	3.5567848	3664	3.5639555	3724	3.5710097	3784	3.5779511	3844	3.5847834
3605	3.5569053	3665	3.5640740	3725	3.5711263	3785	3.5780659	3845	3.5848963
3606	3.5570257	3666	3.5641925	3726	3.5712428	3786	3.5781806	3846	3.5850093
3607	3.5571461	3667	3.5643109	3727	3.5713594	3787	3.5782953	3847	3.5851222
3608	3.5572665	3668	3.5644293	3728	3.5714759	3788	3.5784100	3848	3.5852351
3609	3.5573869	3669	3.5645477	3729	3.5715924	3789	3.5785246	3849	3.5853479
3610	3.5575072	3670	3.5646661	3730	3.5717088	3790	3.5786392	3850	3.5854607
3611	3.5576275	3671	3.5647844	3731	3.5718252	3791	3.5787538	3851	3.5855735
3612	3.5577477	3672	3.5649027	3732	3.5719416	3792	3.5788683	3852	3.5856863
3613	3.5578680	3673	3.5650209	3733	3.5720580	3793	3.5789828	3853	3.5857990
3614	3.5579881	3674	3.5651392	3734	3.5721743	3794	3.5790973	3854	3.5859117
3615	3.5581083	3675	3.5652573	3735	3.5722906	3795	3.5792118	3855	3.5860244
3616	3.5582284	3676	3.5653755	3736	3.5724069	3796	3.5793262	3856	3.5861370
3617	3.5583485	3677	3.5654936	3737	3.5725231	3797	3.5794406	3857	3.5862496
3618	3.5584686	3678	3.5656117	3738	3.5726393	3798	3.5795550	3858	3.5863622
3619	3.5585886	3679	3.5657298	3739	3.5727555	3799	3.5796693	3859	3.5864748
3620	3.5587086	3680	3.5658478	3740	3.5728716	3800	3.5797836	3860	3.5865873
3621	3.5588285	3681	3.5659658	3741	3.5729877	3801	3.5798979	3861	3.5866998
3622	3.5589484	3682	3.5660838	3742	3.5731038	3802	3.5800121	3862	3.5868123
3623	3.5590683	3683	3.5662017	3743	3.5732198	3803	3.5801263	3863	3.5869247
3624	3.5591882	3684	3.5663196	3744	3.5733358	3804	3.5802405	3864	3.5870371
3625	3.5593080	3685	3.5664375	3745	3.5734518	3805	3.5803547	3865	3.5871495
3626	3.5594278	3686	3.5665553	3746	3.5735678	3806	3.5804688	3866	3.5872618
3627	3.5595476	3687	3.5666731	3747	3.5736837	3807	3.5805829	3867	3.5873742
3628	3.5596673	3688	3.5667909	3748	3.5737996	3808	3.5806969	3868	3.5874865
3629	3.5597870	3689	3.5669087	3749	3.5739154	3809	3.5808110	3869	3.5875987
3630	3.5599066	3690	3.5670264	3750	3.5740313	3810	3.5809250	3870	3.5877110
3631	3.5600262	3691	3.5671440	3751	3.5741471	3811	3.5810389	3871	3.5878232
3632	3.5601458	3692	3.5672617	3752	3.5742628	3812	3.5811529	3872	3.5879353
3633	3.5602654	3693	3.5673793	3753	3.5743786	3813	3.5812668	3873	3.5880475
3634	3.5603849	3694	3.5674969	3754	3.5744943	3814	3.5813807	3874	3.5881596
3635	3.5605044	3695	3.5676144	3755	3.5746099	3815	3.5814945	3875	3.5882717
3636	3.5606239	3696	3.5677320	3756	3.5747256	3816	3.5816084	3876	3.5883838
3637	3.5607433	3697	3.5678494	3757	3.5748412	3817	3.5817222	3877	3.5884958
3638	3.5608627	3698	3.5679669	3758	3.5749568	3818	3.5818359	3878	3.5886078
3639	3.5609821	3699	3.5680843	3759	3.5750723	3819	3.5819497	3879	3.5887198
3640	3.5611014	3700	3.5682017	3760	3.5751878	3820	3.5820634	3880	3.5888317
3641	3.5612207	3701	3.5683191	3761	3.5753033	3821	3.5821770	3881	3.5889436
3642	3.5613399	3702	3.5684364	3762	3.5754188	3822	3.5822907	3882	3.5890555
3643	3.5614592	3703	3.5685537	3763	3.5755342	3823	3.5824043	3883	3.5891674
3644	3.5615784	3704	3.5686710	3764	3.5756496	3824	3.5825179	3884	3.5892792
3645	3.5616975	3705	3.5687882	3765	3.5757650	3825	3.5826314	3885	3.5893910
3646	3.5618167	3706	3.5689054	3766	3.5758803	3826	3.5827450	3886	3.5895028
3647	3.5619358	3707	3.5690226	3767	3.5759956	3827	3.5828585	3887	3.5896145
3648	3.5620548	3708	3.5691397	3768	3.5761109	3828	3.5829719	3888	3.5897263
3649	3.5621739	3709	3.5692568	3769	3.5762261	3829	3.5830854	3889	3.5898379
3650	3.5622929	3710	3.5693739	3770	3.5763413	3830	3.5831988	3890	3.5899496
3651	3.5624118	3711	3.5694910	3771	3.5764565	3831	3.5833122	3891	3.5900612
3652	3.5625308	3712	3.5696080	3772	3.5765717	3832	3.5834255	3892	3.5901728
3653	3.5626497	3713	3.5697249	3773	3.5766868	3833	3.5835388	3893	3.5902844
3654	3.5627685	3714	3.5698419	3774	3.5768019	3834	3.5836521	3894	3.5903959
3655	3.5628874	3715	3.5699588	3775	3.5769170	3835	3.5837654	3895	3.5905075
3656	3.5630062	3716	3.5700757	3776	3.5770320	3836	3.5838786	3896	3.5906189
3657	3.5631250	3717	3.5701926	3777	3.5771470	3837	3.5839918	3897	3.5907304
3658	3.5632437	3718	3.5703094	3778	3.5772620	3838	3.5841050	3898	3.5908418
3659	3.5633624	3719	3.5704262	3779	3.5773769	3839	3.5842181	3899	3.5909532
3660	3.5634811	3720	3.5705429	3780	3.5774918	3840	3.5843312	3900	3.5910646

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
3901	3.5911759	3961	3.5978048	4021	3.6043341	4081	3.6107666	4141	3.6171052
3902	3.5912873	3962	3.5979145	4022	3.6044421	4082	3.6108730	4142	3.6172101
3903	3.5913986	3963	3.5980241	4023	3.6045500	4083	3.6109794	4143	3.6173149
3904	3.5915098	3964	3.5981336	4024	3.6046580	4084	3.6110857	4144	3.6174197
3905	3.5916210	3965	3.5982432	4025	3.6047659	4085	3.6111921	4145	3.6175245
3906	3.5917322	3966	3.5983527	4026	3.6048738	4086	3.6112984	4146	3.6176293
3907	3.5918434	3967	3.5984622	4027	3.6049816	4087	3.6114046	4147	3.6177340
3908	3.5919546	3968	3.5985717	4028	3.6050895	4088	3.6115109	4148	3.6178387
3909	3.5920657	3969	3.5986811	4029	3.6051973	4089	3.6116171	4149	3.6179434
3910	3.5921768	3970	3.5987905	4030	3.6053050	4090	3.6117233	4150	3.6180481
3911	3.5922878	3971	3.5988999	4031	3.6054128	4091	3.6118295	4151	3.6181527
3912	3.5923988	3972	3.5990092	4032	3.6055205	4092	3.6119356	4152	3.6182573
3913	3.5925098	3973	3.5991186	4033	3.6056282	4093	3.6120417	4153	3.6183619
3914	3.5926208	3974	3.5992279	4034	3.6057359	4094	3.6121478	4154	3.6184665
3915	3.5927318	3975	3.5993371	4035	3.6058435	4095	3.6122539	4155	3.6185710
3916	3.5928427	3976	3.5994464	4036	3.6059512	4096	3.6123599	4156	3.6186755
3917	3.5929536	3977	3.5995556	4037	3.6060587	4097	3.6124660	4157	3.6187800
3918	3.5930644	3978	3.5996648	4038	3.6061663	4098	3.6125720	4158	3.6188845
3919	3.5931753	3979	3.5997739	4039	3.6062739	4099	3.6126779	4159	3.6189889
3920	3.5932861	3980	3.5998831	4040	3.6063814	4100	3.6127839	4160	3.6190933
3921	3.5933968	3981	3.5999922	4041	3.6064888	4101	3.6128898	4161	3.6191977
3922	3.5935076	3982	3.6001013	4042	3.6065963	4102	3.6129957	4162	3.6193021
3923	3.5936183	3983	3.6002103	4043	3.6067037	4103	3.6131015	4163	3.6194064
3924	3.5937290	3984	3.6003193	4044	3.6068111	4104	3.6132073	4164	3.6195107
3925	3.5938397	3985	3.6004283	4045	3.6069185	4105	3.6133132	4165	3.6196150
3926	3.5939503	3986	3.6005373	4046	3.6070259	4106	3.6134189	4166	3.6197193
3927	3.5940609	3987	3.6006462	4047	3.6071332	4107	3.6135247	4167	3.6198235
3928	3.5941715	3988	3.6007551	4048	3.6072405	4108	3.6136304	4168	3.6199277
3929	3.5942820	3989	3.6008640	4049	3.6073478	4109	3.6137361	4169	3.6200319
3930	3.5943925	3990	3.6009729	4050	3.6074550	4110	3.6138418	4170	3.6201361
3931	3.5945030	3991	3.6010817	4051	3.6075622	4111	3.6139475	4171	3.6202402
3932	3.5946135	3992	3.6011905	4052	3.6076694	4112	3.6140531	4172	3.6203443
3933	3.5947239	3993	3.6012993	4053	3.6077766	4113	3.6141587	4173	3.6204484
3934	3.5948344	3994	3.6014081	4054	3.6078837	4114	3.6142643	4174	3.6205524
3935	3.5949447	3995	3.6015168	4055	3.6079909	4115	3.6143698	4175	3.6206565
3936	3.5950551	3996	3.6016255	4056	3.6080979	4116	3.6144754	4176	3.6207605
3937	3.5951654	3997	3.6017341	4057	3.6082050	4117	3.6145809	4177	3.6208645
3938	3.5952757	3998	3.6018428	4058	3.6083120	4118	3.6146863	4178	3.6209684
3939	3.5953860	3999	3.6019514	4059	3.6084190	4119	3.6147918	4179	3.6210724
3940	3.5954962	4000	3.6020600	4060	3.6085260	4120	3.6148972	4180	3.6211763
3941	3.5956064	4001	3.6021685	4061	3.6086330	4121	3.6150026	4181	3.6212802
3942	3.5957166	4002	3.6022771	4062	3.6087399	4122	3.6151080	4182	3.6213840
3943	3.5958268	4003	3.6023856	4063	3.6088468	4123	3.6152133	4183	3.6214879
3944	3.5959369	4004	3.6024941	4064	3.6089537	4124	3.6153187	4184	3.6215917
3945	3.5960470	4005	3.6026025	4065	3.6090605	4125	3.6154240	4185	3.6216955
3946	3.5961571	4006	3.6027109	4066	3.6091674	4126	3.6155292	4186	3.6217992
3947	3.5962671	4007	3.6028193	4067	3.6092742	4127	3.6156345	4187	3.6219030
3948	3.5963771	4008	3.6029277	4068	3.6093809	4128	3.6157397	4188	3.6220067
3949	3.5964871	4009	3.6030361	4069	3.6094877	4129	3.6158449	4189	3.6221104
3950	3.5965971	4010	3.6031444	4070	3.6095944	4130	3.6159501	4190	3.6222140
3951	3.5967070	4011	3.6032527	4071	3.6097011	4131	3.6160552	4191	3.6223177
3952	3.5968169	4012	3.6033609	4072	3.6098078	4132	3.6161603	4192	3.6224213
3953	3.5969268	4013	3.6034692	4073	3.6099144	4133	3.6162654	4193	3.6225249
3954	3.5970367	4014	3.6035774	4074	3.6100210	4134	3.6163705	4194	3.6226284
3955	3.5971465	4015	3.6036855	4075	3.6101276	4135	3.6164755	4195	3.6227320
3956	3.5972563	4016	3.6037937	4076	3.6102342	4136	3.6165805	4196	3.6228355
3957	3.5973660	4017	3.6039018	4077	3.6103407	4137	3.6166855	4197	3.6229390
3958	3.5974758	4018	3.6040099	4078	3.6104472	4138	3.6167905	4198	3.6230424
3959	3.5975855	4019	3.6041180	4079	3.6105537	4139	3.6168954	4199	3.6231459
3960	3.5976952	4020	3.6042261	4080	3.6106602	4140	3.6170003	4200	3.6232493

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Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
4201	3.6233527	4261	3.6295115	4321	3.6355843	4381	3.6415733	4441	3.6474808
4202	3.6234560	4262	3.6296134	4322	3.6356848	4382	3.6416724	4442	3.6475786
4203	3.6235594	4263	3.6297153	4323	3.6357852	4383	3.6417715	4443	3.6476763
4204	3.6236627	4264	3.6298172	4324	3.6358857	4384	3.6418705	4444	3.6477740
4205	3.6237660	4265	3.6299190	4325	3.6359861	4385	3.6419696	4445	3.6478718
4206	3.6238693	4266	3.6300208	4326	3.6360865	4386	3.6420686	4446	3.6479695
4207	3.6239725	4267	3.6301226	4327	3.6361869	4387	3.6421676	4447	3.6480671
4208	3.6240757	4268	3.6302244	4328	3.6362872	4388	3.6422666	4448	3.6481648
4209	3.6241789	4269	3.6303262	4329	3.6363876	4389	3.6423656	4449	3.6482624
4210	3.6242821	4270	3.6304279	4330	3.6364879	4390	3.6424645	4450	3.6483600
4211	3.6243852	4271	3.6305296	4331	3.6365882	4391	3.6425634	4451	3.6484576
4212	3.6244884	4272	3.6306312	4332	3.6366884	4392	3.6426623	4452	3.6485552
4213	3.6245915	4273	3.6307329	4333	3.6367887	4393	3.6427612	4453	3.6486527
4214	3.6246945	4274	3.6308345	4334	3.6368889	4394	3.6428601	4454	3.6487502
4215	3.6247976	4275	3.6309361	4335	3.6369891	4395	3.6429589	4455	3.6488477
4216	3.6249006	4276	3.6310377	4336	3.6370893	4396	3.6430577	4456	3.6489452
4217	3.6250036	4277	3.6311392	4337	3.6371894	4397	3.6431565	4457	3.6490426
4218	3.6251066	4278	3.6312408	4338	3.6372895	4398	3.6432552	4458	3.6491401
4219	3.6252095	4279	3.6313423	4339	3.6373896	4399	3.6433540	4459	3.6492375
4220	3.6253124	4280	3.6314438	4340	3.6374897	4400	3.6434527	4460	3.6493349
4221	3.6254153	4281	3.6315452	4341	3.6375898	4401	3.6435514	4461	3.6494322
4222	3.6255182	4282	3.6316467	4342	3.6376898	4402	3.6436500	4462	3.6495296
4223	3.6256211	4283	3.6317481	4343	3.6377898	4403	3.6437487	4463	3.6496269
4224	3.6257239	4284	3.6318495	4344	3.6378898	4404	3.6438473	4464	3.6497242
4225	3.6258267	4285	3.6319508	4345	3.6379898	4405	3.6439459	4465	3.6498215
4226	3.6259295	4286	3.6320522	4346	3.6380897	4406	3.6440445	4466	3.6499187
4227	3.6260322	4287	3.6321535	4347	3.6381896	4407	3.6441430	4467	3.6500160
4228	3.6261350	4288	3.6322548	4348	3.6382895	4408	3.6442416	4468	3.6501132
4229	3.6262377	4289	3.6323560	4349	3.6383894	4409	3.6443401	4469	3.6502104
4230	3.6263404	4290	3.6324573	4350	3.6384893	4410	3.6444386	4470	3.6503075
4231	3.6264430	4291	3.6325585	4351	3.6385891	4411	3.6445371	4471	3.6504047
4232	3.6265457	4292	3.6326597	4352	3.6386889	4412	3.6446355	4472	3.6505018
4233	3.6266483	4293	3.6327609	4353	3.6387887	4413	3.6447339	4473	3.6505989
4234	3.6267509	4294	3.6328620	4354	3.6388884	4414	3.6448323	4474	3.6506960
4235	3.6268534	4295	3.6329632	4355	3.6389882	4415	3.6449307	4475	3.6507930
4236	3.6269559	4296	3.6330643	4356	3.6390879	4416	3.6450291	4476	3.6508901
4237	3.6270585	4297	3.6331654	4357	3.6391876	4417	3.6451274	4477	3.6509871
4238	3.6271610	4298	3.6332664	4358	3.6392872	4418	3.6452257	4478	3.6510841
4239	3.6272634	4299	3.6333674	4359	3.6393869	4419	3.6453240	4479	3.6511811
4240	3.6273659	4300	3.6334685	4360	3.6394865	4420	3.6454223	4480	3.6512780
4241	3.6274683	4301	3.6335694	4361	3.6395861	4421	3.6455205	4481	3.6513749
4242	3.6275707	4302	3.6336704	4362	3.6396857	4422	3.6456187	4482	3.6514719
4243	3.6276730	4303	3.6337713	4363	3.6397852	4423	3.6457169	4483	3.6515687
4244	3.6277754	4304	3.6338723	4364	3.6398847	4424	3.6458151	4484	3.6516656
4245	3.6278777	4305	3.6339732	4365	3.6399842	4425	3.6459133	4485	3.6517624
4246	3.6279800	4306	3.6340740	4366	3.6400837	4426	3.6460114	4486	3.6518593
4247	3.6280823	4307	3.6341749	4367	3.6401832	4427	3.6461095	4487	3.6519561
4248	3.6281845	4308	3.6342757	4368	3.6402826	4428	3.6462076	4488	3.6520528
4249	3.6282867	4309	3.6343765	4369	3.6403820	4429	3.6463057	4489	3.6521496
4250	3.6283889	4310	3.6344773	4370	3.6404814	4430	3.6464037	4490	3.6522463
4251	3.6284911	4311	3.6345780	4371	3.6405808	4431	3.6465017	4491	3.6523431
4252	3.6285933	4312	3.6346788	4372	3.6406802	4432	3.6465997	4492	3.6524397
4253	3.6286954	4313	3.6347795	4373	3.6407795	4433	3.6466977	4493	3.6525364
4254	3.6287975	4314	3.6348801	4374	3.6408788	4434	3.6467957	4494	3.6526331
4255	3.6288996	4315	3.6349808	4375	3.6409781	4435	3.6468936	4495	3.6527297
4256	3.6290016	4316	3.6350814	4376	3.6410773	4436	3.6469915	4496	3.6528263
4257	3.6291036	4317	3.6351820	4377	3.6411765	4437	3.6470894	4497	3.6529229
4258	3.6292057	4318	3.6352826	4378	3.6412758	4438	3.6471873	4498	3.6530195
4259	3.6293076	4319	3.6353832	4379	3.6413749	4439	3.6472851	4499	3.6531160
4260	3.6294096	4320	3.6354837	4380	3.6414741	4440	3.6473830	4500	3.6532125

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4501

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
4501	3.6533090	4561	3.6590601	4621	3.6647360	4681	3.6703386	4741	3.6758700
4502	3.6534055	4562	3.6591553	4622	3.6648299	4682	3.6704314	4742	3.6759615
4503	3.6535019	4563	3.6592505	4623	3.6649239	4683	3.6705242	4743	3.6760531
4504	3.6535984	4564	3.6593456	4624	3.6650178	4684	3.6706169	4744	3.6761447
4505	3.6536948	4565	3.6594408	4625	3.6651117	4685	3.6707096	4745	3.6762362
4506	3.6537912	4566	3.6595359	4626	3.6652056	4686	3.6708023	4746	3.6763277
4507	3.6538876	4567	3.6596310	4627	3.6652995	4687	3.6708950	4747	3.6764192
4508	3.6539839	4568	3.6597261	4628	3.6653933	4688	3.6709876	4748	3.6765107
4509	3.6540802	4569	3.6598212	4629	3.6654872	4689	3.6710802	4749	3.6766022
4510	3.6541765	4570	3.6599162	4630	3.6655810	4690	3.6711728	4750	3.6766936
4511	3.6542728	4571	3.6600112	4631	3.6656748	4691	3.6712654	4751	3.6767850
4512	3.6543691	4572	3.6601062	4632	3.6657685	4692	3.6713580	4752	3.6768764
4513	3.6544653	4573	3.6602012	4633	3.6658623	4693	3.6714506	4753	3.6769678
4514	3.6545616	4574	3.6602962	4634	3.6659560	4694	3.6715431	4754	3.6770592
4515	3.6546578	4575	3.6603911	4635	3.6660497	4695	3.6716356	4755	3.6771505
4516	3.6547539	4576	3.6604860	4636	3.6661434	4696	3.6717281	4756	3.6772418
4517	3.6548501	4577	3.6605809	4637	3.6662371	4697	3.6718206	4757	3.6773332
4518	3.6549462	4578	3.6606758	4638	3.6663307	4698	3.6719130	4758	3.6774244
4519	3.6550423	4579	3.6607706	4639	3.6664244	4699	3.6720054	4759	3.6775157
4520	3.6551384	4580	3.6608655	4640	3.6665180	4700	3.6720979	4760	3.6776069
4521	3.6552345	4581	3.6609603	4641	3.6666116	4701	3.6721903	4761	3.6776982
4522	3.6553306	4582	3.6610551	4642	3.6667051	4702	3.6722816	4762	3.6777894
4523	3.6554266	4583	3.6611499	4643	3.6667987	4703	3.6723750	4763	3.6778806
4524	3.6555226	4584	3.6612446	4644	3.6668922	4704	3.6724673	4764	3.6779718
4525	3.6556186	4585	3.6613393	4645	3.6669857	4705	3.6725596	4765	3.6780629
4526	3.6557145	4586	3.6614340	4646	3.6670792	4706	3.6726519	4766	3.6781540
4527	3.6558105	4587	3.6615287	4647	3.6671727	4707	3.6727442	4767	3.6782452
4528	3.6559064	4588	3.6616234	4648	3.6672661	4708	3.6728365	4768	3.6783362
4529	3.6560023	4589	3.6617181	4649	3.6673595	4709	3.6729287	4769	3.6784273
4530	3.6560982	4590	3.6618127	4650	3.6674530	4710	3.6730209	4770	3.6785184
4531	3.6561941	4591	3.6619073	4651	3.6675463	4711	3.6731131	4771	3.6786094
4532	3.6562899	4592	3.6620019	4652	3.6676397	4712	3.6732053	4772	3.6787004
4533	3.6563857	4593	3.6620964	4653	3.6677331	4713	3.6732974	4773	3.6787914
4534	3.6564815	4594	3.6621910	4654	3.6678264	4714	3.6733896	4774	3.6788824
4535	3.6565773	4595	3.6622855	4655	3.6679197	4715	3.6734817	4775	3.6789734
4536	3.6566730	4596	3.6623800	4656	3.6680130	4716	3.6735738	4776	3.6790643
4537	3.6567688	4597	3.6624745	4657	3.6681062	4717	3.6736659	4777	3.6791552
4538	3.6568645	4598	3.6625690	4658	3.6681995	4718	3.6737579	4778	3.6792461
4539	3.6569602	4599	3.6626634	4659	3.6682927	4719	3.6738500	4779	3.6793370
4540	3.6570559	4600	3.6627578	4660	3.6683859	4720	3.6739420	4780	3.6794279
4541	3.6571515	4601	3.6628522	4661	3.6684791	4721	3.6740340	4781	3.6795187
4542	3.6572471	4602	3.6629466	4662	3.6685723	4722	3.6741260	4782	3.6796096
4543	3.6573427	4603	3.6630410	4663	3.6686654	4723	3.6742179	4783	3.6797004
4544	3.6574383	4604	3.6631353	4664	3.6687585	4724	3.6743099	4784	3.6797912
4545	3.6575339	4605	3.6632296	4665	3.6688516	4725	3.6744018	4785	3.6798817
4546	3.6576294	4606	3.6633239	4666	3.6689447	4726	3.6744937	4786	3.6799727
4547	3.6577250	4607	3.6634182	4667	3.6690378	4727	3.6745856	4787	3.6800634
4548	3.6578205	4608	3.6635125	4668	3.6691308	4728	3.6746775	4788	3.6801541
4549	3.6579159	4609	3.6636067	4669	3.6692239	4729	3.6747693	4789	3.6802448
4550	3.6580114	4610	3.6637009	4670	3.6693169	4730	3.6748611	4790	3.6803355
4551	3.6581068	4611	3.6637951	4671	3.6694099	4731	3.6749529	4791	3.6804262
4552	3.6582023	4612	3.6638893	4672	3.6695028	4732	3.6750447	4792	3.6805168
4553	3.6582976	4613	3.6639835	4673	3.6695958	4733	3.6751365	4793	3.6806074
4554	3.6583930	4614	3.6640776	4674	3.6696887	4734	3.6752283	4794	3.6806980
4555	3.6584884	4615	3.6641717	4675	3.6697816	4735	3.6753200	4795	3.6807886
4556	3.6585837	4616	3.6642658	4676	3.6698745	4736	3.6754117	4796	3.6808792
4557	3.6586790	4617	3.6643599	4677	3.6699674	4737	3.6755034	4797	3.6809697
4558	3.6587743	4618	3.6644539	4678	3.6700602	4738	3.6755951	4798	3.6810602
4559	3.6588696	4619	3.6645480	4679	3.6701530	4739	3.6756867	4799	3.6811507
4560	3.6589648	4620	3.6646420	4680	3.6702459	4740	3.6757783	4800	3.6812412

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
4801	3.6813317	4861	3.6867256	4921	3.6920534	4981	3.6973165	5041	3.7025167
4802	3.6814222	4862	3.6868150	4922	3.6921416	4982	3.6974037	5042	3.7026028
4803	3.6815126	4863	3.6869043	4923	3.6922298	4983	3.6974909	5043	3.7026890
4804	3.6816030	4864	3.6869936	4924	3.6923180	4984	3.6975780	5044	3.7027751
4805	3.6816934	4865	3.6870828	4925	3.6924062	4985	3.6976652	5045	3.7028612
4806	3.6817838	4866	3.6871721	4926	3.6924944	4986	3.6977523	5046	3.7029472
4807	3.6818741	4867	3.6872613	4927	3.6925826	4987	3.6978394	5047	3.7030333
4808	3.6819645	4868	3.6873506	4928	3.6926707	4988	3.6979264	5048	3.7031193
4809	3.6820548	4869	3.6874398	4929	3.6927588	4989	3.6980135	5049	3.7032054
4810	3.6821451	4870	3.6875290	4930	3.6928469	4990	3.6981005	5050	3.7032914
4811	3.6822354	4871	3.6876181	4931	3.6929350	4991	3.6981876	5051	3.7033774
4812	3.6823256	4872	3.6877073	4932	3.6930231	4992	3.6982746	5052	3.7034633
4813	3.6824159	4873	3.6877964	4933	3.6931111	4993	3.6983616	5053	3.7035492
4814	3.6825061	4874	3.6878855	4934	3.6931991	4994	3.6984485	5054	3.7036352
4815	3.6825963	4875	3.6879746	4935	3.6932872	4995	3.6985355	5055	3.7037212
4816	3.6826865	4876	3.6880637	4936	3.6933752	4996	3.6986224	5056	3.7038071
4817	3.6827766	4877	3.6881528	4937	3.6934631	4997	3.6987093	5057	3.7038929
4818	3.6828668	4878	3.6882418	4938	3.6935511	4998	3.6987963	5058	3.7039788
4819	3.6829569	4879	3.6883308	4939	3.6936390	4999	3.6988831	5059	3.7040647
4820	3.6830470	4880	3.6884198	4940	3.6937269	5000	3.6989700	5060	3.7041505
4821	3.6831371	4881	3.6885088	4941	3.6938149	5001	3.6990569	5061	3.7042363
4822	3.6832272	4882	3.6885978	4942	3.6939027	5002	3.6991437	5062	3.7043221
4823	3.6833173	4883	3.6886867	4943	3.6939906	5003	3.6992305	5063	3.7044079
4824	3.6834073	4884	3.6887756	4944	3.6940785	5004	3.6993173	5064	3.7044937
4825	3.6834973	4885	3.6888646	4945	3.6941663	5005	3.6994041	5065	3.7045794
4826	3.6835873	4886	3.6889535	4946	3.6942541	5006	3.6994908	5066	3.7046652
4827	3.6836773	4887	3.6890423	4947	3.6943419	5007	3.6995776	5067	3.7047509
4828	3.6837673	4888	3.6891312	4948	3.6944297	5008	3.6996643	5068	3.7048366
4829	3.6838572	4889	3.6892200	4949	3.6945175	5009	3.6997510	5069	3.7049223
4830	3.6839471	4890	3.6893089	4950	3.6946052	5010	3.6998377	5070	3.7050080
4831	3.6840370	4891	3.6893977	4951	3.6946929	5011	3.6999244	5071	3.7050936
4832	3.6841269	4892	3.6894864	4952	3.6947806	5012	3.7000111	5072	3.7051792
4833	3.6842168	4893	3.6895752	4953	3.6948683	5013	3.7000977	5073	3.7052649
4834	3.6843066	4894	3.6896640	4954	3.6949560	5014	3.7001843	5074	3.7053505
4835	3.6843965	4895	3.6897527	4955	3.6950437	5015	3.7002709	5075	3.7054360
4836	3.6844863	4896	3.6898414	4956	3.6951313	5016	3.7003575	5076	3.7055216
4837	3.6845761	4897	3.6899301	4957	3.6952189	5017	3.7004441	5077	3.7056072
4838	3.6846659	4898	3.6900188	4958	3.6953065	5018	3.7005307	5078	3.7056927
4839	3.6847556	4899	3.6901074	4959	3.6953941	5019	3.7006172	5079	3.7057782
4840	3.6848454	4900	3.6901961	4960	3.6954817	5020	3.7007037	5080	3.7058637
4841	3.6849351	4901	3.6902847	4961	3.6955692	5021	3.7007902	5081	3.7059492
4842	3.6850248	4902	3.6903733	4962	3.6956568	5022	3.7008767	5082	3.7060347
4843	3.6851145	4903	3.6904619	4963	3.6957443	5023	3.7009632	5083	3.7061201
4844	3.6852041	4904	3.6905505	4964	3.6958318	5024	3.7010496	5084	3.7062055
4845	3.6852938	4905	3.6906390	4965	3.6959193	5025	3.7011361	5085	3.7062910
4846	3.6853834	4906	3.6907275	4966	3.6960067	5026	3.7012225	5086	3.7063764
4847	3.6854730	4907	3.6908161	4967	3.6960942	5027	3.7013089	5087	3.7064617
4848	3.6855626	4908	3.6909046	4968	3.6961816	5028	3.7013953	5088	3.7065471
4849	3.6856522	4909	3.6909930	4969	3.6962690	5029	3.7014816	5089	3.7066324
4850	3.6857417	4910	3.6910815	4970	3.6963564	5030	3.7015680	5090	3.7067178
4851	3.6858313	4911	3.6911699	4971	3.6964438	5031	3.7016543	5091	3.7068031
4852	3.6859208	4912	3.6912584	4972	3.6965311	5032	3.7017406	5092	3.7068884
4853	3.6860103	4913	3.6913468	4973	3.6966185	5033	3.7018269	5093	3.7069737
4854	3.6860998	4914	3.6914352	4974	3.6967058	5034	3.7019132	5094	3.7070589
4855	3.6861892	4915	3.6915235	4975	3.6967931	5035	3.7019995	5095	3.7071442
4856	3.6862787	4916	3.6916119	4976	3.6968804	5036	3.7020857	5096	3.7072294
4857	3.6863681	4917	3.6917002	4977	3.6969676	5037	3.7021719	5097	3.7073146
4858	3.6864575	4918	3.6917885	4978	3.6970549	5038	3.7022582	5098	3.7073998
4859	3.6865469	4919	3.6918768	4979	3.6971421	5039	3.7023444	5099	3.7074850
4860	3.6866363	4920	3.6919651	4980	3.6972293	5040	3.7024305	5100	3.7075702

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
5101	3.7076553	5161	3.7127339	5221	3.7177537	5281	3.7227162	5341	3.7276226
5102	3.7077405	5162	3.7128180	5222	3.7178369	5282	3.7227984	5342	3.7277039
5103	3.7078256	5163	3.7129021	5223	3.7179200	5283	3.7228806	5343	3.7277852
5104	3.7079107	5164	3.7129862	5224	3.7180032	5284	3.7229628	5344	3.7278664
5105	3.7079957	5165	3.7130703	5225	3.7180863	5285	3.7230450	5345	3.7279477
5106	3.7080808	5166	3.7131544	5226	3.7181694	5286	3.7231272	5346	3.7280290
5107	3.7081659	5167	3.7132385	5227	3.7182525	5287	3.7232093	5347	3.7281102
5108	3.7082509	5168	3.7133225	5228	3.7183356	5288	3.7232914	5348	3.7281914
5109	3.7083359	5169	3.7134065	5229	3.7184186	5289	3.7233736	5349	3.7282726
5110	3.7084209	5170	3.7134905	5230	3.7185017	5290	3.7234557	5350	3.7283538
5111	3.7085059	5171	3.7135745	5231	3.7185847	5291	3.7235378	5351	3.7284349
5112	3.7085908	5172	3.7136585	5232	3.7186677	5292	3.7236198	5352	3.7285161
5113	3.7086758	5173	3.7137425	5233	3.7187507	5293	3.7237019	5353	3.7285972
5114	3.7087607	5174	3.7138264	5234	3.7188337	5294	3.7237839	5354	3.7286784
5115	3.7088456	5175	3.7139104	5235	3.7189167	5295	3.7238660	5355	3.7287595
5116	3.7089305	5176	3.7139943	5236	3.7189996	5296	3.7239480	5356	3.7288406
5117	3.7090154	5177	3.7140782	5237	3.7190826	5297	3.7240300	5357	3.7289216
5118	3.7091003	5178	3.7141620	5238	3.7191655	5298	3.7241120	5358	3.7290027
5119	3.7091851	5179	3.7142459	5239	3.7192484	5299	3.7241939	5359	3.7290838
5120	3.7092700	5180	3.7143298	5240	3.7193313	5300	3.7242759	5360	3.7291648
5121	3.7093548	5181	3.7144136	5241	3.7194142	5301	3.7243578	5361	3.7292458
5122	3.7094396	5182	3.7144974	5242	3.7194970	5302	3.7244397	5362	3.7293268
5123	3.7095244	5183	3.7145812	5243	3.7195799	5303	3.7245216	5363	3.7294078
5124	3.7096091	5184	3.7146650	5244	3.7196627	5304	3.7246035	5364	3.7294888
5125	3.7096939	5185	3.7147488	5245	3.7197455	5305	3.7246854	5365	3.7295697
5126	3.7097786	5186	3.7148325	5246	3.7198283	5306	3.7247672	5366	3.7296507
5127	3.7098633	5187	3.7149162	5247	3.7199111	5307	3.7248491	5367	3.7297316
5128	3.7099480	5188	3.7150000	5248	3.7199938	5308	3.7249309	5368	3.7298125
5129	3.7100327	5189	3.7150837	5249	3.7200766	5309	3.7250127	5369	3.7298934
5130	3.7101174	5190	3.7151674	5250	3.7201593	5310	3.7250945	5370	3.7299743
5131	3.7102020	5191	3.7152510	5251	3.7202420	5311	3.7251763	5371	3.7300551
5132	3.7102866	5192	3.7153347	5252	3.7203247	5312	3.7252581	5372	3.7301360
5133	3.7103713	5193	3.7154183	5253	3.7204074	5313	3.7253398	5373	3.7302168
5134	3.7104559	5194	3.7155019	5254	3.7204901	5314	3.7254215	5374	3.7302977
5135	3.7105404	5195	3.7155856	5255	3.7205727	5315	3.7255033	5375	3.7303785
5136	3.7106250	5196	3.7156691	5256	3.7206554	5316	3.7255850	5376	3.7304593
5137	3.7107096	5197	3.7157527	5257	3.7207380	5317	3.7256667	5377	3.7305400
5138	3.7107941	5198	3.7158363	5258	3.7208206	5318	3.7257483	5378	3.7306208
5139	3.7108786	5199	3.7159198	5259	3.7209032	5319	3.7258300	5379	3.7307015
5140	3.7109631	5200	3.7160033	5260	3.7209857	5320	3.7259116	5380	3.7307823
5141	3.7110476	5201	3.7160869	5261	3.7210683	5321	3.7259933	5381	3.7308630
5142	3.7111321	5202	3.7161703	5262	3.7211508	5322	3.7260749	5382	3.7309437
5143	3.7112165	5203	3.7162538	5263	3.7212334	5323	3.7261565	5383	3.7310244
5144	3.7113010	5204	3.7163373	5264	3.7213159	5324	3.7262380	5384	3.7311051
5145	3.7113854	5205	3.7164207	5265	3.7213984	5325	3.7263196	5385	3.7311857
5146	3.7114698	5206	3.7165042	5266	3.7214809	5326	3.7264012	5386	3.7312663
5147	3.7115542	5207	3.7165876	5267	3.7215633	5327	3.7264827	5387	3.7313470
5148	3.7116385	5208	3.7166710	5268	3.7216458	5328	3.7265642	5388	3.7314276
5149	3.7117229	5209	3.7167544	5269	3.7217282	5329	3.7266457	5389	3.7315082
5150	3.7118072	5210	3.7168377	5270	3.7218106	5330	3.7267272	5390	3.7315888
5151	3.7118915	5211	3.7169211	5271	3.7218930	5331	3.7268087	5391	3.7316693
5152	3.7119759	5212	3.7170044	5272	3.7219754	5332	3.7268901	5392	3.7317499
5153	3.7120601	5213	3.7170877	5273	3.7220578	5333	3.7269716	5393	3.7318304
5154	3.7121444	5214	3.7171710	5274	3.7221401	5334	3.7270530	5394	3.7319109
5155	3.7122287	5215	3.7172543	5275	3.7222225	5335	3.7271344	5395	3.7319914
5156	3.7123129	5216	3.7173376	5276	3.7223048	5336	3.7272158	5396	3.7320719
5157	3.7123971	5217	3.7174208	5277	3.7223871	5337	3.7272972	5397	3.7321524
5158	3.7124813	5218	3.7175041	5278	3.7224694	5338	3.7273786	5398	3.7322329
5159	3.7125655	5219	3.7175873	5279	3.7225517	5339	3.7274599	5399	3.7323133
5160	3.7126497	5220	3.7176705	5280	3.7226339	5340	3.7275413	5400	3.7323938

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
5401	3.7324742	5461	3.7372722	5521	3.7420177	5581	3.7467120	5641	3.7513561
5402	3.7325546	5462	3.7373517	5522	3.7420964	5582	3.7467898	5642	3.7514331
5403	3.7326350	5463	3.7374312	5523	3.7421750	5583	3.7468676	5643	3.7515100
5404	3.7327153	5464	3.7375107	5524	3.7422537	5584	3.7469454	5644	3.7515870
5405	3.7327957	5465	3.7375902	5525	3.7423323	5585	3.7470232	5645	3.7516639
5406	3.7328760	5466	3.7376696	5526	3.7424109	5586	3.7471009	5646	3.7517409
5407	3.7329564	5467	3.7377491	5527	3.7424895	5587	3.7471787	5647	3.7518178
5408	3.7330367	5468	3.7378285	5528	3.7425680	5588	3.7472564	5648	3.7518947
5409	3.7331170	5469	3.7379079	5529	3.7426466	5589	3.7473341	5649	3.7519716
5410	3.7331973	5470	3.7379873	5530	3.7427251	5590	3.7474118	5650	3.7520484
5411	3.7332775	5471	3.7380667	5531	3.7428037	5591	3.7474895	5651	3.7521253
5412	3.7333578	5472	3.7381461	5532	3.7428822	5592	3.7475672	5652	3.7522022
5413	3.7334380	5473	3.7382254	5533	3.7429607	5593	3.7476448	5653	3.7522790
5414	3.7335182	5474	3.7383048	5534	3.7430392	5594	3.7477225	5654	3.7523558
5415	3.7335985	5475	3.7383841	5535	3.7431176	5595	3.7478001	5655	3.7524326
5416	3.7336787	5476	3.7384634	5536	3.7431961	5596	3.7478777	5656	3.7525094
5417	3.7337588	5477	3.7385427	5537	3.7432745	5597	3.7479553	5657	3.7525862
5418	3.7338390	5478	3.7386220	5538	3.7433530	5598	3.7480329	5658	3.7526629
5419	3.7339191	5479	3.7387013	5539	3.7434314	5599	3.7481105	5659	3.7527397
5420	3.7339993	5480	3.7387806	5540	3.7435098	5600	3.7481880	5660	3.7528164
5421	3.7340794	5481	3.7388598	5541	3.7435881	5601	3.7482656	5661	3.7528932
5422	3.7341595	5482	3.7389390	5542	3.7436665	5602	3.7483431	5662	3.7529699
5423	3.7342396	5483	3.7390182	5543	3.7437449	5603	3.7484206	5663	3.7530466
5424	3.7343197	5484	3.7390974	5544	3.7438232	5604	3.7484981	5664	3.7531232
5425	3.7343997	5485	3.7391766	5545	3.7439015	5605	3.7485756	5665	3.7531999
5426	3.7344798	5486	3.7392558	5546	3.7439799	5606	3.7486531	5666	3.7532766
5427	3.7345598	5487	3.7393350	5547	3.7440582	5607	3.7487306	5667	3.7533532
5428	3.7346398	5488	3.7394141	5548	3.7441365	5608	3.7488080	5668	3.7534298
5429	3.7347198	5489	3.7394932	5549	3.7442147	5609	3.7488854	5669	3.7535065
5430	3.7347998	5490	3.7395723	5550	3.7442930	5610	3.7489629	5670	3.7535831
5431	3.7348798	5491	3.7396514	5551	3.7443712	5611	3.7490403	5671	3.7536596
5432	3.7349598	5492	3.7397305	5552	3.7444495	5612	3.7491177	5672	3.7537362
5433	3.7350397	5493	3.7398096	5553	3.7445277	5613	3.7491950	5673	3.7538128
5434	3.7351196	5494	3.7398887	5554	3.7446059	5614	3.7492724	5674	3.7538893
5435	3.7351995	5495	3.7399677	5555	3.7446841	5615	3.7493498	5675	3.7539659
5436	3.7352794	5496	3.7400467	5556	3.7447622	5616	3.7494271	5676	3.7540424
5437	3.7353593	5497	3.7401257	5557	3.7448404	5617	3.7495044	5677	3.7541189
5438	3.7354392	5498	3.7402047	5558	3.7449185	5618	3.7495817	5678	3.7541954
5439	3.7355191	5499	3.7402837	5559	3.7449967	5619	3.7496590	5679	3.7542719
5440	3.7355989	5500	3.7403627	5560	3.7450748	5620	3.7497363	5680	3.7543483
5441	3.7356787	5501	3.7404416	5561	3.7451529	5621	3.7498136	5681	3.7544248
5442	3.7357585	5502	3.7405206	5562	3.7452310	5622	3.7498908	5682	3.7545012
5443	3.7358383	5503	3.7405995	5563	3.7453091	5623	3.7499681	5683	3.7545777
5444	3.7359181	5504	3.7406784	5564	3.7453871	5624	3.7500453	5684	3.7546541
5445	3.7359979	5505	3.7407573	5565	3.7454652	5625	3.7501225	5685	3.7547305
5446	3.7360776	5506	3.7408362	5566	3.7455432	5626	3.7501997	5686	3.7548069
5447	3.7361574	5507	3.7409151	5567	3.7456212	5627	3.7502769	5687	3.7548832
5448	3.7362371	5508	3.7409939	5568	3.7456992	5628	3.7503541	5688	3.7549596
5449	3.7363168	5509	3.7410728	5569	3.7457772	5629	3.7504312	5689	3.7550359
5450	3.7363965	5510	3.7411516	5570	3.7458552	5630	3.7505084	5690	3.7551123
5451	3.7364762	5511	3.7412304	5571	3.7459332	5631	3.7505855	5691	3.7551886
5452	3.7365558	5512	3.7413092	5572	3.7460111	5632	3.7506626	5692	3.7552649
5453	3.7366355	5513	3.7413880	5573	3.7460890	5633	3.7507398	5693	3.7553412
5454	3.7367151	5514	3.7414668	5574	3.7461670	5634	3.7508168	5694	3.7554175
5455	3.7367948	5515	3.7415455	5575	3.7462449	5635	3.7508939	5695	3.7554937
5456	3.7368744	5516	3.7416243	5576	3.7463228	5636	3.7509710	5696	3.7555700
5457	3.7369540	5517	3.7417030	5577	3.7464006	5637	3.7510480	5697	3.7556462
5458	3.7370335	5518	3.7417817	5578	3.7464785	5638	3.7511251	5698	3.7557224
5459	3.7371131	5519	3.7418604	5579	3.7465564	5639	3.7512021	5699	3.7557987
5460	3.7371926	5520	3.7419391	5580	3.7466342	5640	3.7512791	5700	3.7558749

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
5701	3.7559510	5761	3.7604979	5821	3.7649976	5881	3.7694512	5941	3.7738596
5702	3.7560272	5762	3.7605733	5822	3.7650722	5882	3.7695250	5942	3.7739326
5703	3.7561034	5763	3.7606486	5823	3.7651468	5883	3.7695988	5943	3.7740057
5704	3.7561795	5764	3.7607240	5824	3.7652214	5884	3.7696727	5944	3.7740788
5705	3.7562556	5765	3.7607993	5825	3.7652959	5885	3.7697465	5945	3.7741519
5706	3.7563318	5766	3.7608746	5826	3.7653705	5886	3.7698203	5946	3.7742249
5707	3.7564079	5767	3.7609500	5827	3.7654450	5887	3.7698940	5947	3.7742979
5708	3.7564840	5768	3.7610253	5828	3.7655195	5888	3.7699678	5948	3.7743710
5709	3.7565600	5769	3.7611005	5829	3.7655941	5889	3.7700416	5949	3.7744440
5710	3.7566361	5770	3.7611758	5830	3.7656686	5890	3.7701153	5950	3.7745170
5711	3.7567122	5771	3.7612511	5831	3.7657430	5891	3.7701890	5951	3.7745899
5712	3.7567882	5772	3.7613263	5832	3.7658175	5892	3.7702627	5952	3.7746629
5713	3.7568642	5773	3.7614016	5833	3.7658920	5893	3.7703364	5953	3.7747359
5714	3.7569402	5774	3.7614768	5834	3.7659664	5894	3.7704101	5954	3.7748088
5715	3.7570162	5775	3.7615520	5835	3.7660409	5895	3.7704838	5955	3.7748818
5716	3.7570922	5776	3.7616272	5836	3.7661153	5896	3.7705575	5956	3.7749547
5717	3.7571682	5777	3.7617024	5837	3.7661897	5897	3.7706311	5957	3.7750276
5718	3.7572441	5778	3.7617775	5838	3.7662641	5898	3.7707048	5958	3.7751005
5719	3.7573201	5779	3.7618527	5839	3.7663385	5899	3.7707784	5959	3.7751734
5720	3.7573960	5780	3.7619278	5840	3.7664128	5900	3.7708520	5960	3.7752463
5721	3.7574719	5781	3.7620030	5841	3.7664872	5901	3.7709256	5961	3.7753191
5722	3.7575479	5782	3.7620781	5842	3.7665616	5902	3.7709992	5962	3.7753920
5723	3.7576237	5783	3.7621532	5843	3.7666359	5903	3.7710728	5963	3.7754648
5724	3.7576996	5784	3.7622283	5844	3.7667102	5904	3.7711463	5964	3.7755376
5725	3.7577755	5785	3.7623034	5845	3.7667845	5905	3.7712199	5965	3.7756104
5726	3.7578513	5786	3.7623784	5846	3.7668588	5906	3.7712934	5966	3.7756832
5727	3.7579272	5787	3.7624535	5847	3.7669331	5907	3.7713670	5967	3.7757560
5728	3.7580030	5788	3.7625285	5848	3.7670074	5908	3.7714405	5968	3.7758288
5729	3.7580788	5789	3.7626035	5849	3.7670816	5909	3.7715140	5969	3.7759016
5730	3.7581546	5790	3.7626786	5850	3.7671559	5910	3.7715875	5970	3.7759743
5731	3.7582304	5791	3.7627536	5851	3.7672301	5911	3.7716610	5971	3.7760471
5732	3.7583062	5792	3.7628286	5852	3.7673043	5912	3.7717344	5972	3.7761198
5733	3.7583819	5793	3.7629035	5853	3.7673785	5913	3.7718079	5973	3.7761925
5734	3.7584577	5794	3.7629785	5854	3.7674527	5914	3.7718813	5974	3.7762652
5735	3.7585334	5795	3.7630534	5855	3.7675269	5915	3.7719547	5975	3.7763379
5736	3.7586091	5796	3.7631284	5856	3.7676011	5916	3.7720282	5976	3.7764106
5737	3.7586848	5797	3.7632033	5857	3.7676752	5917	3.7721016	5977	3.7764833
5738	3.7587605	5798	3.7632782	5858	3.7677494	5918	3.7721750	5978	3.7765559
5739	3.7588362	5799	3.7633531	5859	3.7678235	5919	3.7722483	5979	3.7766286
5740	3.7589119	5800	3.7634280	5860	3.7678976	5920	3.7723217	5980	3.7767012
5741	3.7589875	5801	3.7635029	5861	3.7679717	5921	3.7723951	5981	3.7767738
5742	3.7590632	5802	3.7635777	5862	3.7680458	5922	3.7724684	5982	3.7768464
5743	3.7591388	5803	3.7636526	5863	3.7681199	5923	3.7725417	5983	3.7769190
5744	3.7592144	5804	3.7637274	5864	3.7681940	5924	3.7726150	5984	3.7769916
5745	3.7592900	5805	3.7638022	5865	3.7682680	5925	3.7726884	5985	3.7770642
5746	3.7593656	5806	3.7638770	5866	3.7683421	5926	3.7727616	5986	3.7771367
5747	3.7594412	5807	3.7639518	5867	3.7684161	5927	3.7728349	5987	3.7772093
5748	3.7595168	5808	3.7640266	5868	3.7684901	5928	3.7729082	5988	3.7772818
5749	3.7595923	5809	3.7641014	5869	3.7685641	5929	3.7729814	5989	3.7773543
5750	3.7596678	5810	3.7641761	5870	3.7686381	5930	3.7730547	5990	3.7774268
5751	3.7597434	5811	3.7642509	5871	3.7687121	5931	3.7731279	5991	3.7774993
5752	3.7598189	5812	3.7643256	5872	3.7687860	5932	3.7732011	5992	3.7775718
5753	3.7598944	5813	3.7644003	5873	3.7688600	5933	3.7732743	5993	3.7776443
5754	3.7599699	5814	3.7644750	5874	3.7689339	5934	3.7733475	5994	3.7777167
5755	3.7600453	5815	3.7645497	5875	3.7690079	5935	3.7734207	5995	3.7777892
5756	3.7601208	5816	3.7646244	5876	3.7690818	5936	3.7734939	5996	3.7778616
5757	3.7601962	5817	3.7646991	5877	3.7691557	5937	3.7735670	5997	3.7779340
5758	3.7602717	5818	3.7647737	5878	3.7692296	5938	3.7736402	5998	3.7780065
5759	3.7603471	5819	3.7648484	5879	3.7693035	5939	3.7737133	5999	3.7780789
5760	3.7604225	5820	3.7649230	5880	3.7693773	5940	3.7737864	6000	3.7781512

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
6001	3.7782236	6061	3.7825443	6121	3.7868224	6181	3.7910587	6241	3.7952542
6002	3.7782960	6062	3.7826159	6122	3.7868933	6182	3.7911290	6242	3.7953238
6003	3.7783683	6063	3.7826876	6123	3.7869643	6183	3.7911992	6243	3.7953933
6004	3.7784407	6064	3.7827592	6124	3.7870352	6184	3.7912695	6244	3.7954629
6005	3.7785130	6065	3.7828308	6125	3.7871061	6185	3.7913397	6245	3.7955324
6006	3.7785853	6066	3.7829024	6126	3.7871770	6186	3.7914099	6246	3.7956020
6007	3.7786576	6067	3.7829740	6127	3.7872479	6187	3.7914801	6247	3.7956715
6008	3.7787299	6068	3.7830456	6128	3.7873188	6188	3.7915503	6248	3.7957410
6009	3.7788022	6069	3.7831171	6129	3.7873896	6189	3.7916205	6249	3.7958105
6010	3.7788745	6070	3.7831887	6130	3.7874605	6190	3.7916906	6250	3.7958800
6011	3.7789467	6071	3.7832602	6131	3.7875313	6191	3.7917608	6251	3.7959495
6012	3.7790190	6072	3.7833318	6132	3.7876021	6192	3.7918309	6252	3.7960190
6013	3.7790912	6073	3.7834033	6133	3.7876730	6193	3.7919011	6253	3.7960884
6014	3.7791634	6074	3.7834748	6134	3.7877438	6194	3.7919712	6254	3.7961579
6015	3.7792356	6075	3.7835463	6135	3.7878146	6195	3.7920413	6255	3.7962273
6016	3.7793078	6076	3.7836178	6136	3.7878853	6196	3.7921114	6256	3.7962967
6017	3.7793800	6077	3.7836892	6137	3.7879561	6197	3.7921815	6257	3.7963662
6018	3.7794522	6078	3.7837607	6138	3.7880269	6198	3.7922516	6258	3.7964356
6019	3.7795243	6079	3.7838321	6139	3.7880976	6199	3.7923216	6259	3.7965050
6020	3.7795965	6080	3.7839036	6140	3.7881684	6200	3.7923917	6260	3.7965743
6021	3.7796686	6081	3.7839750	6141	3.7882391	6201	3.7924617	6261	3.7966437
6022	3.7797408	6082	3.7840464	6142	3.7883098	6202	3.7925318	6262	3.7967131
6023	3.7798129	6083	3.7841178	6143	3.7883805	6203	3.7926018	6263	3.7967824
6024	3.7798850	6084	3.7841892	6144	3.7884512	6204	3.7926718	6264	3.7968517
6025	3.7799571	6085	3.7842606	6145	3.7885219	6205	3.7927418	6265	3.7969211
6026	3.7800291	6086	3.7843319	6146	3.7885926	6206	3.7928118	6266	3.7969904
6027	3.7801012	6087	3.7844033	6147	3.7886632	6207	3.7928817	6267	3.7970597
6028	3.7801732	6088	3.7844746	6148	3.7887339	6208	3.7929517	6268	3.7971290
6029	3.7802453	6089	3.7845460	6149	3.7888045	6209	3.7930217	6269	3.7971983
6030	3.7803173	6090	3.7846173	6150	3.7888751	6210	3.7930916	6270	3.7972675
6031	3.7803893	6091	3.7846886	6151	3.7889457	6211	3.7931615	6271	3.7973368
6032	3.7804613	6092	3.7847599	6152	3.7890163	6212	3.7932314	6272	3.7974060
6033	3.7805333	6093	3.7848312	6153	3.7890869	6213	3.7933014	6273	3.7974753
6034	3.7806053	6094	3.7849024	6154	3.7891575	6214	3.7933712	6274	3.7975445
6035	3.7806773	6095	3.7849737	6155	3.7892281	6215	3.7934411	6275	3.7976137
6036	3.7807492	6096	3.7850450	6156	3.7892986	6216	3.7935110	6276	3.7976829
6037	3.7808212	6097	3.7851162	6157	3.7893692	6217	3.7935809	6277	3.7977521
6038	3.7808931	6098	3.7851874	6158	3.7894397	6218	3.7936507	6278	3.7978213
6039	3.7809650	6099	3.7852586	6159	3.7895102	6219	3.7937206	6279	3.7978905
6040	3.7810369	6100	3.7853298	6160	3.7895807	6220	3.7937904	6280	3.7979596
6041	3.7811088	6101	3.7854010	6161	3.7896512	6221	3.7938602	6281	3.7980288
6042	3.7811807	6102	3.7854722	6162	3.7897217	6222	3.7939300	6282	3.7980979
6043	3.7812526	6103	3.7855434	6163	3.7897922	6223	3.7939998	6283	3.7981671
6044	3.7813245	6104	3.7856145	6164	3.7898626	6224	3.7940696	6284	3.7982362
6045	3.7813963	6105	3.7856857	6165	3.7899331	6225	3.7941394	6285	3.7983053
6046	3.7814681	6106	3.7857568	6166	3.7900035	6226	3.7942091	6286	3.7983744
6047	3.7815400	6107	3.7858279	6167	3.7900739	6227	3.7942789	6287	3.7984435
6048	3.7816118	6108	3.7858990	6168	3.7901444	6228	3.7943486	6288	3.7985125
6049	3.7816836	6109	3.7859701	6169	3.7902148	6229	3.7944183	6289	3.7985816
6050	3.7817554	6110	3.7860412	6170	3.7902852	6230	3.7944880	6290	3.7986506
6051	3.7818272	6111	3.7861123	6171	3.7903555	6231	3.7945578	6291	3.7987197
6052	3.7818989	6112	3.7861833	6172	3.7904259	6232	3.7946274	6292	3.7987887
6053	3.7819707	6113	3.7862544	6173	3.7904963	6233	3.7946971	6293	3.7988577
6054	3.7820424	6114	3.7863254	6174	3.7905666	6234	3.7947668	6294	3.7989267
6055	3.7821141	6115	3.7863965	6175	3.7906370	6235	3.7948365	6295	3.7989957
6056	3.7821859	6116	3.7864675	6176	3.7907073	6236	3.7949061	6296	3.7990647
6057	3.7822576	6117	3.7865385	6177	3.7907776	6237	3.7949757	6297	3.7991337
6058	3.7823293	6118	3.7866095	6178	3.7908479	6238	3.7950454	6298	3.7992027
6059	3.7824010	6119	3.7866805	6179	3.7909182	6239	3.7951150	6299	3.7992716
6060	3.7824726	6120	3.7867514	6180	3.7909885	6240	3.7951846	6300	3.7993405

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
6301	3.7994095	6361	3.8035254	6421	3.8076027	6481	3.8116420	6541	3.8156441
6302	3.7994784	6362	3.8035937	6422	3.8076703	6482	3.8117090	6542	3.8157105
6303	3.7995473	6363	3.8036619	6423	3.8077379	6483	3.8117760	6543	3.8157769
6304	3.7996162	6364	3.8037302	6424	3.8078055	6484	3.8118430	6544	3.8158433
6305	3.7996851	6365	3.8037984	6425	3.8078731	6485	3.8119100	6545	3.8159096
6306	3.7997540	6366	3.8038666	6426	3.8079407	6486	3.8119769	6546	3.8159760
6307	3.7998228	6367	3.8039348	6427	3.8080083	6487	3.8120439	6547	3.8160423
6308	3.7998917	6368	3.8040031	6428	3.8080759	6488	3.8121108	6548	3.8161087
6309	3.7999605	6369	3.8040712	6429	3.8081434	6489	3.8121778	6549	3.8161750
6310	3.8000294	6370	3.8041394	6430	3.8082110	6490	3.8122447	6550	3.8162413
6311	3.8000982	6371	3.8042076	6431	3.8082785	6491	3.8123116	6551	3.8163076
6312	3.8001670	6372	3.8042758	6432	3.8083460	6492	3.8123785	6552	3.8163739
6313	3.8002358	6373	3.8043439	6433	3.8084136	6493	3.8124454	6553	3.8164402
6314	3.8003046	6374	3.8044121	6434	3.8084811	6494	3.8125123	6554	3.8165064
6315	3.8003734	6375	3.8044802	6435	3.8085486	6495	3.8125792	6555	3.8165727
6316	3.8004421	6376	3.8045483	6436	3.8086160	6496	3.8126460	6556	3.8166389
6317	3.8005109	6377	3.8046164	6437	3.8086835	6497	3.8127129	6557	3.8167052
6318	3.8005796	6378	3.8046845	6438	3.8087510	6498	3.8127797	6558	3.8167714
6319	3.8006484	6379	3.8047526	6439	3.8088184	6499	3.8128465	6559	3.8168376
6320	3.8007171	6380	3.8048207	6440	3.8088859	6500	3.8129134	6560	3.8169038
6321	3.8007858	6381	3.8048887	6441	3.8089533	6501	3.8129802	6561	3.8169700
6322	3.8008545	6382	3.8049568	6442	3.8090207	6502	3.8130470	6562	3.8170362
6323	3.8009232	6383	3.8050248	6443	3.8090881	6503	3.8131138	6563	3.8171024
6324	3.8009919	6384	3.8050929	6444	3.8091555	6504	3.8131805	6564	3.8171686
6325	3.8010605	6385	3.8051609	6445	3.8092229	6505	3.8132473	6565	3.8172347
6326	3.8011292	6386	3.8052289	6446	3.8092903	6506	3.8133141	6566	3.8173009
6327	3.8011978	6387	3.8052969	6447	3.8093577	6507	3.8133808	6567	3.8173670
6328	3.8012665	6388	3.8053649	6448	3.8094250	6508	3.8134475	6568	3.8174331
6329	3.8013351	6389	3.8054329	6449	3.8094924	6509	3.8135143	6569	3.8174993
6330	3.8014037	6390	3.8055009	6450	3.8095597	6510	3.8135810	6570	3.8175654
6331	3.8014723	6391	3.8055688	6451	3.8096270	6511	3.8136477	6571	3.8176315
6332	3.8015409	6392	3.8056368	6452	3.8096944	6512	3.8137144	6572	3.8176976
6333	3.8016095	6393	3.8057047	6453	3.8097617	6513	3.8137811	6573	3.8177636
6334	3.8016781	6394	3.8057726	6454	3.8098290	6514	3.8138478	6574	3.8178297
6335	3.8017466	6395	3.8058405	6455	3.8098962	6515	3.8139144	6575	3.8178958
6336	3.8018152	6396	3.8059085	6456	3.8099635	6516	3.8139811	6576	3.8179618
6337	3.8018837	6397	3.8059764	6457	3.8100308	6517	3.8140477	6577	3.8180278
6338	3.8019522	6398	3.8060442	6458	3.8100980	6518	3.8141144	6578	3.8180939
6339	3.8020208	6399	3.8061121	6459	3.8101653	6519	3.8141810	6579	3.8181599
6340	3.8020893	6400	3.8061800	6460	3.8102325	6520	3.8142476	6580	3.8182259
6341	3.8021578	6401	3.8062478	6461	3.8102997	6521	3.8143142	6581	3.8182919
6342	3.8022262	6402	3.8063157	6462	3.8103670	6522	3.8143808	6582	3.8183579
6343	3.8022947	6403	3.8063835	6463	3.8104342	6523	3.8144474	6583	3.8184239
6344	3.8023632	6404	3.8064513	6464	3.8105013	6524	3.8145140	6584	3.8184898
6345	3.8024316	6405	3.8065191	6465	3.8105685	6525	3.8145805	6585	3.8185558
6346	3.8025001	6406	3.8065869	6466	3.8106357	6526	3.8146471	6586	3.8186217
6347	3.8025685	6407	3.8066547	6467	3.8107029	6527	3.8147136	6587	3.8186877
6348	3.8026369	6408	3.8067225	6468	3.8107700	6528	3.8147801	6588	3.8187536
6349	3.8027053	6409	3.8067903	6469	3.8108371	6529	3.8148467	6589	3.8188195
6350	3.8027737	6410	3.8068580	6470	3.8109043	6530	3.8149132	6590	3.8188854
6351	3.8028421	6411	3.8069258	6471	3.8109714	6531	3.8149797	6591	3.8189513
6352	3.8029105	6412	3.8069935	6472	3.8110385	6532	3.8150462	6592	3.8190172
6353	3.8029789	6413	3.8070612	6473	3.8111056	6533	3.8151127	6593	3.8190831
6354	3.8030472	6414	3.8071290	6474	3.8111722	6534	3.8151791	6594	3.8191489
6355	3.8031156	6415	3.8071967	6475	3.8112398	6535	3.8152456	6595	3.8192148
6356	3.8031839	6416	3.8072644	6476	3.8113068	6536	3.8153120	6596	3.8192806
6357	3.8032522	6417	3.8073320	6477	3.8113739	6537	3.8153785	6597	3.8193465
6358	3.8033205	6418	3.8073997	6478	3.8114409	6538	3.8154449	6598	3.8194123
6359	3.8033888	6419	3.8074674	6479	3.8115080	6539	3.8155113	6599	3.8194781
6360	3.8034571	6420	3.8075350	6480	3.8115750	6540	3.8155777	6600	3.8195439

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
6601	3.8196097	6661	3.8235394	6721	3.8274339	6781	3.8312937	6841	3.8351196
6602	3.8196755	6662	3.8236046	6722	3.8274985	6782	3.8313578	6842	3.8351831
6603	3.8197413	6663	3.8236698	6723	3.8275631	6783	3.8314218	6843	3.8352465
6604	3.8198071	6664	3.8237350	6724	3.8276277	6784	3.8314858	6844	3.8353100
6605	3.8198728	6665	3.8238002	6725	3.8276923	6785	3.8315499	6845	3.8353735
6606	3.8199386	6666	3.8238653	6726	3.8277569	6786	3.8316139	6846	3.8354369
6607	3.8200043	6667	3.8239305	6727	3.8278214	6787	3.8316778	6847	3.8355003
6608	3.8200700	6668	3.8239956	6728	3.8278860	6788	3.8317418	6848	3.8355638
6609	3.8201358	6669	3.8240607	6729	3.8279505	6789	3.8318058	6849	3.8356272
6610	3.8202015	6670	3.8241258	6730	3.8280151	6790	3.8318698	6850	3.8356906
6611	3.8202672	6671	3.8241909	6731	3.8280796	6791	3.8319337	6851	3.8357540
6612	3.8203328	6672	3.8242560	6732	3.8281441	6792	3.8319977	6852	3.8358174
6613	3.8203985	6673	3.8243211	6733	3.8282086	6793	3.8320616	6853	3.8358807
6614	3.8204642	6674	3.8243862	6734	3.8282731	6794	3.8321255	6854	3.8359441
6615	3.8205298	6675	3.8244513	6735	3.8283376	6795	3.8321895	6855	3.8360075
6616	3.8205955	6676	3.8245163	6736	3.8284021	6796	3.8322534	6856	3.8360708
6617	3.8206611	6677	3.8245814	6737	3.8284665	6797	3.8323173	6857	3.8361341
6618	3.8207268	6678	3.8246464	6738	3.8285310	6798	3.8323812	6858	3.8361975
6619	3.8207924	6679	3.8247114	6739	3.8285955	6799	3.8324450	6859	3.8362608
6620	3.8208580	6680	3.8247765	6740	3.8286599	6800	3.8325089	6860	3.8363241
6621	3.8209236	6681	3.8248415	6741	3.8287243	6801	3.8325728	6861	3.8363874
6622	3.8209892	6682	3.8249065	6742	3.8287887	6802	3.8326366	6862	3.8364507
6623	3.8210548	6683	3.8249715	6743	3.8288532	6803	3.8327005	6863	3.8365140
6624	3.8211203	6684	3.8250364	6744	3.8289176	6804	3.8327643	6864	3.8365773
6625	3.8211859	6685	3.8251014	6745	3.8289820	6805	3.8328281	6865	3.8366405
6626	3.8212514	6686	3.8251664	6746	3.8290463	6806	3.8328919	6866	3.8367038
6627	3.8213170	6687	3.8252313	6747	3.8291107	6807	3.8329558	6867	3.8367670
6628	3.8213825	6688	3.8252963	6748	3.8291751	6808	3.8330195	6868	3.8368303
6629	3.8214480	6689	3.8253612	6749	3.8292394	6809	3.8330833	6869	3.8368935
6630	3.8215135	6690	3.8254261	6750	3.8293038	6810	3.8331471	6870	3.8369567
6631	3.8215790	6691	3.8254910	6751	3.8293681	6811	3.8332109	6871	3.8370199
6632	3.8216445	6692	3.8255559	6752	3.8294324	6812	3.8332746	6872	3.8370832
6633	3.8217100	6693	3.8256208	6753	3.8294967	6813	3.8333384	6873	3.8371463
6634	3.8217755	6694	3.8256857	6754	3.8295611	6814	3.8334021	6874	3.8372095
6635	3.8218409	6695	3.8257506	6755	3.8296254	6815	3.8334659	6875	3.8372727
6636	3.8219064	6696	3.8258154	6756	3.8296896	6816	3.8335296	6876	3.8373359
6637	3.8219718	6697	3.8258803	6757	3.8297539	6817	3.8335933	6877	3.8373990
6638	3.8220372	6698	3.8259451	6758	3.8298182	6818	3.8336570	6878	3.8374622
6639	3.8221027	6699	3.8260100	6759	3.8298824	6819	3.8337207	6879	3.8375253
6640	3.8221681	6700	3.8260748	6760	3.8299467	6820	3.8337844	6880	3.8375884
6641	3.8222335	6701	3.8261396	6761	3.8300109	6821	3.8338480	6881	3.8376516
6642	3.8222989	6702	3.8262044	6762	3.8300752	6822	3.8339117	6882	3.8377147
6643	3.8223643	6703	3.8262692	6763	3.8301394	6823	3.8339754	6883	3.8377778
6644	3.8224296	6704	3.8263340	6764	3.8302036	6824	3.8340390	6884	3.8378409
6645	3.8224950	6705	3.8263988	6765	3.8302678	6825	3.8341027	6885	3.8379039
6646	3.8225603	6706	3.8264635	6766	3.8303320	6826	3.8341663	6886	3.8379670
6647	3.8226257	6707	3.8265283	6767	3.8303962	6827	3.8342299	6887	3.8380301
6648	3.8226910	6708	3.8265931	6768	3.8304603	6828	3.8342935	6888	3.8380931
6649	3.8227563	6709	3.8266578	6769	3.8305245	6829	3.8343571	6889	3.8381562
6650	3.8228216	6710	3.8267225	6770	3.8305887	6830	3.8344207	6890	3.8382192
6651	3.8228869	6711	3.8267872	6771	3.8306528	6831	3.8344843	6891	3.8382822
6652	3.8229522	6712	3.8268519	6772	3.8307169	6832	3.8345479	6892	3.8383453
6653	3.8230175	6713	3.8269166	6773	3.8307811	6833	3.8346114	6893	3.8384083
6654	3.8230828	6714	3.8269813	6774	3.8308452	6834	3.8346750	6894	3.8384713
6655	3.8231481	6715	3.8270460	6775	3.8309093	6835	3.8347385	6895	3.8385343
6656	3.8232133	6716	3.8271107	6776	3.8309734	6836	3.8348021	6896	3.8385973
6657	3.8232786	6717	3.8271753	6777	3.8310375	6837	3.8348656	6897	3.8386602
6658	3.8233438	6718	3.8272400	6778	3.8311016	6838	3.8349291	6898	3.8387232
6659	3.8234090	6719	3.8273046	6779	3.8311656	6839	3.8349926	6899	3.8387861
6660	3.8234742	6720	3.8273693	6780	3.8312297	6840	3.8350561	6900	3.8388491

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
6901	3.8389120	6961	3.8426716	7021	3.8463990	7081	3.8500946	7141	3.8537590
6902	3.8389750	6962	3.8427340	7022	3.8464608	7082	3.8501559	7142	3.8538198
6903	3.8390379	6963	3.8427964	7023	3.8465227	7083	3.8502172	7143	3.8538806
6904	3.8391008	6964	3.8428588	7024	3.8465845	7084	3.8502786	7144	3.8539414
6905	3.8391637	6965	3.8429212	7025	3.8466463	7085	3.8503399	7145	3.8540022
6906	3.8392266	6966	3.8429835	7026	3.8467081	7086	3.8504011	7146	3.8540630
6907	3.8392895	6967	3.8430458	7027	3.8467700	7087	3.8504624	7147	3.8541238
6908	3.8393523	6968	3.8431081	7028	3.8468318	7088	3.8505237	7148	3.8541845
6909	3.8394152	6969	3.8431705	7029	3.8468935	7089	3.8505850	7149	3.8542453
6910	3.8394780	6970	3.8432328	7030	3.8469553	7090	3.8506462	7150	3.8543060
6911	3.8395409	6971	3.8432951	7031	3.8470171	7091	3.8507075	7151	3.8543668
6912	3.8396037	6972	3.8433574	7032	3.8470789	7092	3.8507687	7152	3.8544275
6913	3.8396666	6973	3.8434197	7033	3.8471406	7093	3.8508300	7153	3.8544882
6914	3.8397294	6974	3.8434819	7034	3.8472024	7094	3.8508912	7154	3.8545489
6915	3.8397922	6975	3.8435442	7035	3.8472641	7095	3.8509524	7155	3.8546096
6916	3.8398550	6976	3.8436065	7036	3.8473258	7096	3.8510136	7156	3.8546703
6917	3.8399178	6977	3.8436687	7037	3.8473876	7097	3.8510748	7157	3.8547310
6918	3.8399806	6978	3.8437310	7038	3.8474493	7098	3.8511360	7158	3.8547917
6919	3.8400433	6979	3.8437932	7039	3.8475110	7099	3.8511972	7159	3.8548524
6920	3.8401061	6980	3.8438554	7040	3.8475727	7100	3.8512583	7160	3.8549130
6921	3.8401688	6981	3.8439176	7041	3.8476343	7101	3.8513195	7161	3.8549737
6922	3.8402316	6982	3.8439798	7042	3.8476960	7102	3.8513807	7162	3.8550343
6923	3.8402943	6983	3.8440420	7043	3.8477577	7103	3.8514418	7163	3.8550950
6924	3.8403571	6984	3.8441042	7044	3.8478193	7104	3.8515030	7164	3.8551556
6925	3.8404198	6985	3.8441664	7045	3.8478810	7105	3.8515641	7165	3.8552162
6926	3.8404825	6986	3.8442286	7046	3.8479426	7106	3.8516252	7166	3.8552768
6927	3.8405452	6987	3.8442907	7047	3.8480043	7107	3.8516863	7167	3.8553374
6928	3.8406079	6988	3.8443529	7048	3.8480659	7108	3.8517474	7168	3.8553980
6929	3.8406706	6989	3.8444150	7049	3.8481275	7109	3.8518085	7169	3.8554586
6930	3.8407332	6990	3.8444772	7050	3.8481891	7110	3.8518696	7170	3.8555192
6931	3.8407959	6991	3.8445393	7051	3.8482507	7111	3.8519307	7171	3.8555797
6932	3.8408586	6992	3.8446014	7052	3.8483123	7112	3.8519917	7172	3.8556403
6933	3.8409212	6993	3.8446635	7053	3.8483739	7113	3.8520528	7173	3.8557008
6934	3.8409838	6994	3.8447256	7054	3.8484355	7114	3.8521139	7174	3.8557614
6935	3.8410465	6995	3.8447877	7055	3.8484970	7115	3.8521749	7175	3.8558219
6936	3.8411091	6996	3.8448498	7056	3.8485586	7116	3.8522359	7176	3.8558824
6937	3.8411717	6997	3.8449119	7057	3.8486201	7117	3.8522970	7177	3.8559429
6938	3.8412343	6998	3.8449739	7058	3.8486817	7118	3.8523580	7178	3.8560035
6939	3.8412969	6999	3.8450360	7059	3.8487432	7119	3.8524190	7179	3.8560640
6940	3.8413595	7000	3.8450980	7060	3.8488047	7120	3.8524800	7180	3.8561244
6941	3.8414220	7001	3.8451601	7061	3.8488662	7121	3.8525410	7181	3.8561849
6942	3.8414846	7002	3.8452221	7062	3.8489277	7122	3.8526020	7182	3.8562454
6943	3.8415472	7003	3.8452841	7063	3.8489892	7123	3.8526629	7183	3.8563059
6944	3.8416097	7004	3.8453461	7064	3.8490507	7124	3.8527239	7184	3.8563663
6945	3.8416722	7005	3.8454081	7065	3.8491122	7125	3.8527849	7185	3.8564268
6946	3.8417348	7006	3.8454701	7066	3.8491736	7126	3.8528458	7186	3.8564872
6947	3.8417973	7007	3.8455321	7067	3.8492351	7127	3.8529068	7187	3.8565476
6948	3.8418598	7008	3.8455941	7068	3.8492965	7128	3.8529677	7188	3.8566081
6949	3.8419223	7009	3.8456561	7069	3.8493580	7129	3.8530286	7189	3.8566685
6950	3.8419848	7010	3.8457180	7070	3.8494194	7130	3.8530895	7190	3.8567289
6951	3.8420473	7011	3.8457800	7071	3.8494808	7131	3.8531504	7191	3.8567893
6952	3.8421098	7012	3.8458419	7072	3.8495423	7132	3.8532113	7192	3.8568497
6953	3.8421722	7013	3.8459038	7073	3.8496037	7133	3.8532722	7193	3.8569101
6954	3.8422347	7014	3.8459658	7074	3.8496651	7134	3.8533331	7194	3.8569704
6955	3.8422971	7015	3.8460277	7075	3.8497264	7135	3.8533940	7195	3.8570308
6956	3.8423596	7016	3.8460896	7076	3.8497878	7136	3.8534548	7196	3.8570912
6957	3.8424220	7017	3.8461515	7077	3.8498492	7137	3.8535157	7197	3.8571515
6958	3.8424844	7018	3.8462134	7078	3.8499106	7138	3.8535765	7198	3.8572118
6959	3.8425468	7019	3.8462752	7079	3.8499719	7139	3.8536374	7199	3.8572722
6960	3.8426092	7020	3.8463390	7080	3.8500333	7140	3.8536982	7200	3.8573325

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
7201	3.8573928	7261	3.8609964	7321	3.8645704	7381	3.8681152	7441	3.8716313
7202	3.8574531	7262	3.8610562	7322	3.8646297	7382	3.8681740	7442	3.8716897
7203	3.8575134	7263	3.8611160	7323	3.8646890	7383	3.8682329	7443	3.8717480
7204	3.8575737	7264	3.8611758	7324	3.8647483	7384	3.8682917	7444	3.8718064
7205	3.8576340	7265	3.8612356	7325	3.8648076	7385	3.8683505	7445	3.8718647
7206	3.8576943	7266	3.8612954	7326	3.8648669	7386	3.8684093	7446	3.8719230
7207	3.8577545	7267	3.8613552	7327	3.8649262	7387	3.8684681	7447	3.8719814
7208	3.8578148	7268	3.8614129	7328	3.8649855	7388	3.8685269	7448	3.8720397
7209	3.8578750	7269	3.8614747	7329	3.8650447	7389	3.8685857	7449	3.8720980
7210	3.8579353	7270	3.8615344	7330	3.8651040	7390	3.8686444	7450	3.8721563
7211	3.8579955	7271	3.8615941	7331	3.8651632	7391	3.8687032	7451	3.8722146
7212	3.8580557	7272	3.8616539	7332	3.8652225	7392	3.8687620	7452	3.8722728
7213	3.8581159	7273	3.8617136	7333	3.8652817	7393	3.8688207	7453	3.8723311
7214	3.8581761	7274	3.8617733	7334	3.8653409	7394	3.8688794	7454	3.8723894
7215	3.8582363	7275	3.8618330	7335	3.8654001	7395	3.8689382	7455	3.8724476
7216	3.8582965	7276	3.8618927	7336	3.8654593	7396	3.8689969	7456	3.8725059
7217	3.8583567	7277	3.8619524	7337	3.8655185	7397	3.8690556	7457	3.8725641
7218	3.8584169	7278	3.8620120	7338	3.8655777	7398	3.8691143	7458	3.8726224
7219	3.8584770	7279	3.8620717	7339	3.8656369	7399	3.8691730	7459	3.8726806
7220	3.8585372	7280	3.8621314	7340	3.8656961	7400	3.8692317	7460	3.8727388
7221	3.8585973	7281	3.8621910	7341	3.8657552	7401	3.8692904	7461	3.8727970
7222	3.8586575	7282	3.8622507	7342	3.8658144	7402	3.8693491	7462	3.8728552
7223	3.8587176	7283	3.8623103	7343	3.8658735	7403	3.8694077	7463	3.8729134
7224	3.8587777	7284	3.8623699	7344	3.8659327	7404	3.8694664	7464	3.8729716
7225	3.8588379	7285	3.8624296	7345	3.8659918	7405	3.8695251	7465	3.8730298
7226	3.8588980	7286	3.8624892	7346	3.8660509	7406	3.8695837	7466	3.8730880
7227	3.8589581	7287	3.8625488	7347	3.8661100	7407	3.8696423	7467	3.8731462
7228	3.8590181	7288	3.8626084	7348	3.8661691	7408	3.8697010	7468	3.8732043
7229	3.8590782	7289	3.8626679	7349	3.8662282	7409	3.8697596	7469	3.8732625
7230	3.8591383	7290	3.8627275	7350	3.8662873	7410	3.8698182	7470	3.8733206
7231	3.8591984	7291	3.8627871	7351	3.8663464	7411	3.8698768	7471	3.8733787
7232	3.8592584	7292	3.8628467	7352	3.8664055	7412	3.8699354	7472	3.8734369
7233	3.8593185	7293	3.8629062	7353	3.8664646	7413	3.8699940	7473	3.8734950
7234	3.8593784	7294	3.8629658	7354	3.8665236	7414	3.8700526	7474	3.8735531
7235	3.8594385	7295	3.8630253	7355	3.8665827	7415	3.8701112	7475	3.8736112
7236	3.8594986	7296	3.8630848	7356	3.8666417	7416	3.8701697	7476	3.8736693
7237	3.8595586	7297	3.8631443	7357	3.8667008	7417	3.8702283	7477	3.8737274
7238	3.8596186	7298	3.8632039	7358	3.8667598	7418	3.8702868	7478	3.8737855
7239	3.8596786	7299	3.8632634	7359	3.8668188	7419	3.8703454	7479	3.8738435
7240	3.8597386	7300	3.8633229	7360	3.8668778	7420	3.8704039	7480	3.8739016
7241	3.8597985	7301	3.8633823	7361	3.8669368	7421	3.8704624	7481	3.8739597
7242	3.8598585	7302	3.8634418	7362	3.8669958	7422	3.8705209	7482	3.8740177
7243	3.8599185	7303	3.8635013	7363	3.8670548	7423	3.8705795	7483	3.8740757
7244	3.8599784	7304	3.8635608	7364	3.8671138	7424	3.8706380	7484	3.8741338
7245	3.8600384	7305	3.8636202	7365	3.8671728	7425	3.8706965	7485	3.8741918
7246	3.8600983	7306	3.8636797	7366	3.8672317	7426	3.8707549	7486	3.8742498
7247	3.8601583	7307	3.8637391	7367	3.8672907	7427	3.8708134	7487	3.8743078
7248	3.8602182	7308	3.8637985	7368	3.8673496	7428	3.8708719	7488	3.8743658
7249	3.8602781	7309	3.8638580	7369	3.8674086	7429	3.8709304	7489	3.8744238
7250	3.8603380	7310	3.8639174	7370	3.8674675	7430	3.8709888	7490	3.8744818
7251	3.8603979	7311	3.8639768	7371	3.8675264	7431	3.8710473	7491	3.8745398
7252	3.8604578	7312	3.8640362	7372	3.8675853	7432	3.8711057	7492	3.8745978
7253	3.8605177	7313	3.8640956	7373	3.8676442	7433	3.8711641	7493	3.8746557
7254	3.8605776	7314	3.8641550	7374	3.8677031	7434	3.8712226	7494	3.8747137
7255	3.8606374	7315	3.8642143	7375	3.8677620	7435	3.8712810	7495	3.8747716
7256	3.8606973	7316	3.8642737	7376	3.8678209	7436	3.8713394	7496	3.8748296
7257	3.8607571	7317	3.8643331	7377	3.8678798	7437	3.8713978	7497	3.8748875
7258	3.8608170	7318	3.8643924	7378	3.8679387	7438	3.8714562	7498	3.8749454
7259	3.8608768	7319	3.8644517	7379	3.8679975	7439	3.8715146	7499	3.8750034
7260	3.8609366	7320	3.8645111	7380	3.8680564	7440	3.8715729	7500	3.8750613

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
7501	3.8751192	7561	3.8785792	7621	3.8820120	7681	3.8854178	7741	3.8887971
7502	3.8751771	7562	3.8786367	7622	3.8820689	7682	3.8854743	7742	3.8888532
7503	3.8752349	7563	3.8786941	7623	3.8821259	7683	3.8855308	7743	3.8889093
7504	3.8752928	7564	3.8787515	7624	3.8821829	7684	3.8855874	7744	3.8889653
7505	3.8753507	7565	3.8788089	7625	3.8822398	7685	3.8856439	7745	3.8890214
7506	3.8754086	7566	3.8788663	7626	3.8822968	7686	3.8857004	7746	3.8890775
7507	3.8754664	7567	3.8789237	7627	3.8823537	7687	3.8857569	7747	3.8891336
7508	3.8755243	7568	3.8789811	7628	3.8824107	7688	3.8858134	7748	3.8891896
7509	3.8755821	7569	3.8790385	7629	3.8824676	7689	3.8858699	7749	3.8892457
7510	3.8756399	7570	3.8790959	7630	3.8825245	7690	3.8859263	7750	3.8893017
7511	3.8756978	7571	3.8791532	7631	3.8825815	7691	3.8859828	7751	3.8893577
7512	3.8757556	7572	3.8792106	7632	3.8826384	7692	3.8860393	7752	3.8894138
7513	3.8758134	7573	3.8792680	7633	3.8826953	7693	3.8860957	7753	3.8894698
7514	3.8758712	7574	3.8793253	7634	3.8827522	7694	3.8861522	7754	3.8895258
7515	3.8759290	7575	3.8793826	7635	3.8828090	7695	3.8862086	7755	3.8895818
7516	3.8759868	7576	3.8794400	7636	3.8828659	7696	3.8862651	7756	3.8896378
7517	3.8760445	7577	3.8794973	7637	3.8829228	7697	3.8863215	7757	3.8896938
7518	3.8761023	7578	3.8795546	7638	3.8829797	7698	3.8863779	7758	3.8897498
7519	3.8761601	7579	3.8796119	7639	3.8830365	7699	3.8864343	7759	3.8898058
7520	3.8762178	7580	3.8796692	7640	3.8830934	7700	3.8864907	7760	3.8898617
7521	3.8762756	7581	3.8797265	7641	3.8831502	7701	3.8865471	7761	3.8899177
7522	3.8763333	7582	3.8797838	7642	3.8832070	7702	3.8866035	7762	3.8899736
7523	3.8763911	7583	3.8798411	7643	3.8832639	7703	3.8866599	7763	3.8900296
7524	3.8764488	7584	3.8798983	7644	3.8833207	7704	3.8867163	7764	3.8900855
7525	3.8765065	7585	3.8799556	7645	3.8833775	7705	3.8867726	7765	3.8901415
7526	3.8765642	7586	3.8800128	7646	3.8834343	7706	3.8868290	7766	3.8901974
7527	3.8766219	7587	3.8800701	7647	3.8834911	7707	3.8868854	7767	3.8902533
7528	3.8766796	7588	3.8801273	7648	3.8835479	7708	3.8869417	7768	3.8903092
7529	3.8767373	7589	3.8801846	7649	3.8836047	7709	3.8869980	7769	3.8903651
7530	3.8767950	7590	3.8802418	7650	3.8836614	7710	3.8870544	7770	3.8904210
7531	3.8768526	7591	3.8802990	7651	3.8837182	7711	3.8871107	7771	3.8904769
7532	3.8769103	7592	3.8803562	7652	3.8837750	7712	3.8871670	7772	3.8905328
7533	3.8769680	7593	3.8804134	7653	3.8838317	7713	3.8872233	7773	3.8905887
7534	3.8770256	7594	3.8804706	7654	3.8838885	7714	3.8872796	7774	3.8906445
7535	3.8770833	7595	3.8805278	7655	3.8839452	7715	3.8873359	7775	3.8907004
7536	3.8771409	7596	3.8805850	7656	3.8840019	7716	3.8873922	7776	3.8907563
7537	3.8771985	7597	3.8806421	7657	3.8840586	7717	3.8874485	7777	3.8908121
7538	3.8772561	7598	3.8806993	7658	3.8841154	7718	3.8875048	7778	3.8908679
7539	3.8773137	7599	3.8807564	7659	3.8841721	7719	3.8875610	7779	3.8909238
7540	3.8773713	7600	3.8808136	7660	3.8842288	7720	3.8876173	7780	3.8909796
7541	3.8774289	7601	3.8808707	7661	3.8842855	7721	3.8876736	7781	3.8910354
7542	3.8774865	7602	3.8809279	7662	3.8843421	7722	3.8877298	7782	3.8910912
7543	3.8775441	7603	3.8809850	7663	3.8843988	7723	3.8877860	7783	3.8911470
7544	3.8776017	7604	3.8810421	7664	3.8844555	7724	3.8878423	7784	3.8912028
7545	3.8776592	7605	3.8810992	7665	3.8845122	7725	3.8878985	7785	3.8912586
7546	3.8777168	7606	3.8811563	7666	3.8845688	7726	3.8879547	7786	3.8913144
7547	3.8777743	7607	3.8812134	7667	3.8846255	7727	3.8880109	7787	3.8913702
7548	3.8778319	7608	3.8812705	7668	3.8846821	7728	3.8880671	7788	3.8914259
7549	3.8778894	7609	3.8813276	7669	3.8847387	7729	3.8881233	7789	3.8914817
7550	3.8779469	7610	3.8813847	7670	3.8847954	7730	3.8881795	7790	3.8915375
7551	3.8780045	7611	3.8814417	7671	3.8848520	7731	3.8882357	7791	3.8915932
7552	3.8780620	7612	3.8814988	7672	3.8849086	7732	3.8882918	7792	3.8916489
7553	3.8781195	7613	3.8815558	7673	3.8849652	7733	3.8883480	7793	3.8917047
7554	3.8781770	7614	3.8816129	7674	3.8850218	7734	3.8884042	7794	3.8917604
7555	3.8782345	7615	3.8816699	7675	3.8850784	7735	3.8884603	7795	3.8918161
7556	3.8782919	7616	3.8817269	7676	3.8851350	7736	3.8885165	7796	3.8918718
7557	3.8783494	7617	3.8817840	7677	3.8851915	7737	3.8885726	7797	3.8919275
7558	3.8784069	7618	3.8818410	7678	3.8852481	7738	3.8886287	7798	3.8919832
7559	3.8784643	7619	3.8818980	7679	3.8853047	7739	3.8886848	7799	3.8920389
7560	3.8785218	7620	3.8819550	7680	3.8853612	7740	3.8887410	7800	3.8920946

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
7801	3.8921503	7861	3.8954778	7921	3.8987800	7981	3.9020573	8041	3.9053101
7802	3.8922059	7862	3.8955330	7922	3.8988348	7982	3.9021117	8042	3.9053641
7803	3.8922616	7863	3.8955883	7923	3.8988897	7983	3.9021661	8043	3.9054181
7804	3.8923173	7864	3.8956435	7924	3.8989445	7984	3.9022205	8044	3.9054721
7805	3.8923729	7865	3.8956987	7925	3.8989993	7985	3.9022749	8045	3.9055260
7806	3.8924285	7866	3.8957539	7926	3.8990541	7986	3.9023293	8046	3.9055800
7807	3.8924842	7867	3.8958092	7927	3.8991089	7987	3.9023837	8047	3.9056340
7808	3.8925398	7868	3.8958644	7928	3.8991636	7988	3.9024381	8048	3.9056880
7809	3.8925954	7869	3.8959195	7929	3.8992184	7989	3.9024924	8049	3.9057419
7810	3.8926510	7870	3.8959747	7930	3.8992732	7990	3.9025468	8050	3.9057959
7811	3.8927066	7871	3.8960299	7931	3.8993279	7991	3.9026011	8051	3.9058498
7812	3.8927622	7872	3.8960851	7932	3.8993827	7992	3.9026555	8052	3.9059038
7813	3.8928178	7873	3.8961403	7933	3.8994375	7993	3.9027098	8053	3.9059577
7814	3.8928734	7874	3.8961954	7934	3.8994922	7994	3.9027641	8054	3.9060116
7815	3.8929290	7875	3.8962506	7935	3.8995469	7995	3.9028185	8055	3.9060655
7816	3.8929846	7876	3.8963057	7936	3.8996017	7996	3.9028728	8056	3.9061195
7817	3.8930401	7877	3.8963608	7937	3.8996564	7997	3.9029271	8057	3.9061734
7818	3.8930957	7878	3.8964160	7938	3.8997111	7998	3.9029814	8058	3.9062273
7819	3.8931512	7879	3.8964711	7939	3.8997658	7999	3.9030357	8059	3.9062812
7820	3.8932068	7880	3.8965262	7940	3.8998205	8000	3.9030900	8060	3.9063350
7821	3.8932623	7881	3.8965813	7941	3.8998752	8001	3.9031443	8061	3.9063889
7822	3.8933178	7882	3.8966364	7942	3.8999299	8002	3.9031985	8062	3.9064428
7823	3.8933733	7883	3.8966915	7943	3.8999846	8003	3.9032528	8063	3.9064967
7824	3.8934288	7884	3.8967466	7944	3.9000392	8004	3.9033071	8064	3.9065505
7825	3.8934843	7885	3.8968017	7945	3.9000939	8005	3.9033613	8065	3.9066044
7826	3.8935398	7886	3.8968568	7946	3.9001486	8006	3.9034156	8066	3.9066582
7827	3.8935953	7887	3.8969118	7947	3.9002032	8007	3.9034698	8067	3.9067121
7828	3.8936508	7888	3.8969669	7948	3.9002579	8008	3.9035241	8068	3.9067659
7829	3.8937063	7889	3.8970220	7949	3.9003125	8009	3.9035783	8069	3.9068197
7830	3.8937618	7890	3.8970770	7950	3.9003671	8010	3.9036325	8070	3.9068735
7831	3.8938172	7891	3.8971320	7951	3.9004218	8011	3.9036867	8071	3.9069273
7832	3.8938727	7892	3.8971871	7952	3.9004764	8012	3.9037409	8072	3.9069812
7833	3.8939281	7893	3.8972421	7953	3.9005310	8013	3.9037951	8073	3.9070350
7834	3.8939836	7894	3.8972971	7954	3.9005856	8014	3.9038493	8074	3.9070887
7835	3.8940390	7895	3.8973521	7955	3.9006402	8015	3.9039035	8075	3.9071425
7836	3.8940944	7896	3.8974071	7956	3.9006948	8016	3.9039577	8076	3.9071963
7837	3.8941498	7897	3.8974621	7957	3.9007494	8017	3.9040119	8077	3.9072501
7838	3.8942053	7898	3.8975171	7958	3.9008039	8018	3.9040661	8078	3.9073038
7839	3.8942607	7899	3.8975721	7959	3.9008585	8019	3.9041202	8079	3.9073576
7840	3.8943161	7900	3.8976271	7960	3.9009131	8020	3.9041744	8080	3.9074114
7841	3.8943715	7901	3.8976821	7961	3.9009676	8021	3.9042285	8081	3.9074651
7842	3.8944268	7902	3.8977370	7962	3.9010222	8022	3.9042827	8082	3.9075188
7843	3.8944822	7903	3.8977920	7963	3.9010767	8023	3.9043368	8083	3.9075726
7844	3.8945376	7904	3.8978469	7964	3.9011313	8024	3.9043909	8084	3.9076263
7845	3.8945929	7905	3.8979019	7965	3.9011858	8025	3.9044450	8085	3.9076800
7846	3.8946483	7906	3.8979568	7966	3.9012403	8026	3.9044992	8086	3.9077337
7847	3.8947037	7907	3.8980117	7967	3.9012948	8027	3.9045533	8087	3.9077874
7848	3.8947590	7908	3.8980667	7968	3.9013493	8028	3.9046074	8088	3.9078411
7849	3.8948143	7909	3.8981216	7969	3.9014038	8029	3.9046615	8089	3.9078948
7850	3.8948697	7910	3.8981765	7970	3.9014583	8030	3.9047155	8090	3.9079485
7851	3.8949250	7911	3.8982314	7971	3.9015128	8031	3.9047696	8091	3.9080022
7852	3.8949803	7912	3.8982863	7972	3.9015673	8032	3.9048237	8092	3.9080559
7853	3.8950356	7913	3.8983412	7973	3.9016218	8033	3.9048778	8093	3.9081095
7854	3.8950909	7914	3.8983960	7974	3.9016762	8034	3.9049318	8094	3.9081632
7855	3.8951462	7915	3.8984509	7975	3.9017307	8035	3.9049859	8095	3.9082169
7856	3.8952015	7916	3.8985058	7976	3.9017851	8036	3.9050399	8096	3.9082705
7857	3.8952568	7917	3.8985606	7977	3.9018396	8037	3.9050940	8097	3.9083241
7858	3.8953120	7918	3.8986155	7978	3.9018940	8038	3.9051480	8098	3.9083778
7859	3.8953673	7919	3.8986703	7979	3.9019485	8039	3.9052020	8099	3.9084314
7860	3.8954225	7920	3.8987252	7980	3.9020029	8040	3.9052560	8100	3.9084850

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
8101	3.9085386	8161	3.9117434	8221	3.9149246	8281	3.9180828	8341	3.9212181
8102	3.9085922	8162	3.9117966	8222	3.9149775	8282	3.9181352	8342	3.9212702
8103	3.9086458	8163	3.9118498	8223	3.9150303	8283	3.9181877	8343	3.9213222
8104	3.9086994	8164	3.9119030	8224	3.9150831	8284	3.9182401	8344	3.9213743
8105	3.9087530	8165	3.9119562	8225	3.9151359	8285	3.9182925	8345	3.9214263
8106	3.9088066	8166	3.9120094	8226	3.9151887	8286	3.9183449	8346	3.9214784
8107	3.9088602	8167	3.9120626	8227	3.9152415	8287	3.9183973	8347	3.9215304
8108	3.9089137	8168	3.9121157	8228	3.9152943	8288	3.9184497	8348	3.9215824
8109	3.9089673	8169	3.9121689	8229	3.9153471	8289	3.9185021	8349	3.9216345
8110	3.9090209	8170	3.9122221	8230	3.9153998	8290	3.9185545	8350	3.9216865
8111	3.9090744	8171	3.9122752	8231	3.9154526	8291	3.9186069	8351	3.9217385
8112	3.9091279	8172	3.9123284	8232	3.9155054	8292	3.9186593	8352	3.9217905
8113	3.9091815	8173	3.9123815	8233	3.9155581	8293	3.9187117	8353	3.9218425
8114	3.9092350	8174	3.9124346	8234	3.9156109	8294	3.9187640	8354	3.9218945
8115	3.9092885	8175	3.9124878	8235	3.9156636	8295	3.9188164	8355	3.9219465
8116	3.9093420	8176	3.9125409	8236	3.9157163	8296	3.9188687	8356	3.9219984
8117	3.9093955	8177	3.9125940	8237	3.9157691	8297	3.9189211	8357	3.9220504
8118	3.9094490	8178	3.9126471	8238	3.9158218	8298	3.9189734	8358	3.9221024
8119	3.9095025	8179	3.9127002	8239	3.9158745	8299	3.9190258	8359	3.9221543
8120	3.9095560	8180	3.9127533	8240	3.9159272	8300	3.9190781	8360	3.9222063
8121	3.9096095	8181	3.9128064	8241	3.9159799	8301	3.9191304	8361	3.9222582
8122	3.9096630	8182	3.9128595	8242	3.9160326	8302	3.9191827	8362	3.9223102
8123	3.9097165	8183	3.9129126	8243	3.9160853	8303	3.9192350	8363	3.9223621
8124	3.9097699	8184	3.9129656	8244	3.9161380	8304	3.9192873	8364	3.9224140
8125	3.9098234	8185	3.9130187	8245	3.9161907	8305	3.9193396	8365	3.9224659
8126	3.9098768	8186	3.9130717	8246	3.9162433	8306	3.9193919	8366	3.9225179
8127	3.9099303	8187	3.9131248	8247	3.9162960	8307	3.9194442	8367	3.9225698
8128	3.9099837	8188	3.9131778	8248	3.9163487	8308	3.9194965	8368	3.9226217
8129	3.9100371	8189	3.9132309	8249	3.9164013	8309	3.9195488	8369	3.9226736
8130	3.9100905	8190	3.9132839	8250	3.9164539	8310	3.9196010	8370	3.9227255
8131	3.9101440	8191	3.9133369	8251	3.9165066	8311	3.9196533	8371	3.9227773
8132	3.9101974	8192	3.9133899	8252	3.9165592	8312	3.9197055	8372	3.9228292
8133	3.9102508	8193	3.9134430	8253	3.9166118	8313	3.9197578	8373	3.9228811
8134	3.9103042	8194	3.9134960	8254	3.9166645	8314	3.9198100	8374	3.9229330
8135	3.9103576	8195	3.9135490	8255	3.9167171	8315	3.9198623	8375	3.9229848
8136	3.9104109	8196	3.9136019	8256	3.9167697	8316	3.9199145	8376	3.9230367
8137	3.9104643	8197	3.9136549	8257	3.9168223	8317	3.9199667	8377	3.9230885
8138	3.9105177	8198	3.9137079	8258	3.9168749	8318	3.9200189	8378	3.9231404
8139	3.9105710	8199	3.9137609	8259	3.9169275	8319	3.9200711	8379	3.9231922
8140	3.9106244	8200	3.9138139	8260	3.9169800	8320	3.9201233	8380	3.9232440
8141	3.9106778	8201	3.9138668	8261	3.9170326	8321	3.9201755	8381	3.9232958
8142	3.9107311	8202	3.9139198	8262	3.9170852	8322	3.9202277	8382	3.9233477
8143	3.9107844	8203	3.9139727	8263	3.9171378	8323	3.9202799	8383	3.9233995
8144	3.9108378	8204	3.9140257	8264	3.9171903	8324	3.9203321	8384	3.9234513
8145	3.9108911	8205	3.9140786	8265	3.9172429	8325	3.9203842	8385	3.9235031
8146	3.9109444	8206	3.9141315	8266	3.9172954	8326	3.9204364	8386	3.9235549
8147	3.9109977	8207	3.9141844	8267	3.9173479	8327	3.9204886	8387	3.9236066
8148	3.9110510	8208	3.9142373	8268	3.9174005	8328	3.9205407	8388	3.9236584
8149	3.9111043	8209	3.9142903	8269	3.9174530	8329	3.9205929	8389	3.9237102
8150	3.9111576	8210	3.9143432	8270	3.9175055	8330	3.9206450	8390	3.9237620
8151	3.9112109	8211	3.9143961	8271	3.9175580	8331	3.9206971	8391	3.9238137
8152	3.9112642	8212	3.9144489	8272	3.9176105	8332	3.9207493	8392	3.9238655
8153	3.9113174	8213	3.9145018	8273	3.9176630	8333	3.9208014	8393	3.9239172
8154	3.9113707	8214	3.9145547	8274	3.9177155	8334	3.9208535	8394	3.9239690
8155	3.9114240	8215	3.9146076	8275	3.9177680	8335	3.9209056	8395	3.9240207
8156	3.9114772	8216	3.9146604	8276	3.9178205	8336	3.9209577	8396	3.9240724
8157	3.9115305	8217	3.9147133	8277	3.9178730	8337	3.9210098	8397	3.9241242
8158	3.9115837	8218	3.9147661	8278	3.9179254	8338	3.9210619	8398	3.9241759
8159	3.9116369	8219	3.9148190	8279	3.9179779	8339	3.9211140	8399	3.9242276
8160	3.9116902	8220	3.9148718	8280	3.9180303	8340	3.9211661	8400	3.9242793

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
8401	3.9243310	8461	3.9274217	8521	3.9304906	8581	3.9335379	8641	3.9365640
8402	3.9243827	8462	3.9274730	8522	3.9305415	8582	3.9335885	8642	3.9366143
8403	3.9244344	8463	3.9275243	8523	3.9305925	8583	3.9336391	8643	3.9366645
8404	3.9244860	8464	3.9275757	8524	3.9306434	8584	3.9336897	8644	3.9367148
8405	3.9245377	8465	3.9276270	8525	3.9306944	8585	3.9337403	8645	3.9367650
8406	3.9245894	8466	3.9276783	8526	3.9307453	8586	3.9337909	8646	3.9368152
8407	3.9246410	8467	3.9277296	8527	3.9307963	8587	3.9338415	8647	3.9368655
8408	3.9246927	8468	3.9277808	8528	3.9308472	8588	3.9338920	8648	3.9369157
8409	3.9247444	8469	3.9278321	8529	3.9308981	8589	3.9339426	8649	3.9369659
8410	3.9247960	8470	3.9278834	8530	3.9309490	8590	3.9339932	8650	3.9370161
8411	3.9248476	8471	3.9279347	8531	3.9309999	8591	3.9340437	8651	3.9370663
8412	3.9248993	8472	3.9279859	8532	3.9310508	8592	3.9340943	8652	3.9371165
8413	3.9249509	8473	3.9280372	8533	3.9311017	8593	3.9341448	8653	3.9371667
8414	3.9250025	8474	3.9280885	8534	3.9311526	8594	3.9341953	8654	3.9372169
8415	3.9250541	8475	3.9281397	8535	3.9312035	8595	3.9342459	8655	3.9372671
8416	3.9251057	8476	3.9281909	8536	3.9312544	8596	3.9342964	8656	3.9373172
8417	3.9251573	8477	3.9282422	8537	3.9313053	8597	3.9343469	8657	3.9373674
8418	3.9252089	8478	3.9282934	8538	3.9313561	8598	3.9343974	8658	3.9374176
8419	3.9252605	8479	3.9283446	8539	3.9314070	8599	3.9344479	8659	3.9374677
8420	3.9253121	8480	3.9283959	8540	3.9314579	8600	3.9344984	8660	3.9375179
8421	3.9253637	8481	3.9284471	8541	3.9315087	8601	3.9345489	8661	3.9375680
8422	3.9254152	8482	3.9284983	8542	3.9315596	8602	3.9345994	8662	3.9376182
8423	3.9254668	8483	3.9285495	8543	3.9316104	8603	3.9346499	8663	3.9376683
8424	3.9255184	8484	3.9286007	8544	3.9316612	8604	3.9347004	8664	3.9377184
8425	3.9255699	8485	3.9286518	8545	3.9317121	8605	3.9347509	8665	3.9377686
8426	3.9256215	8486	3.9287030	8546	3.9317629	8606	3.9348013	8666	3.9378187
8427	3.9256730	8487	3.9287542	8547	3.9318137	8607	3.9348518	8667	3.9378688
8428	3.9257245	8488	3.9288054	8548	3.9318645	8608	3.9349023	8668	3.9379189
8429	3.9257761	8489	3.9288565	8549	3.9319153	8609	3.9349527	8669	3.9379690
8430	3.9258276	8490	3.9289077	8550	3.9319661	8610	3.9350032	8670	3.9380191
8431	3.9258791	8491	3.9289588	8551	3.9320169	8611	3.9350536	8671	3.9380692
8432	3.9259306	8492	3.9290100	8552	3.9320677	8612	3.9351040	8672	3.9381193
8433	3.9259821	8493	3.9290611	8553	3.9321185	8613	3.9351544	8673	3.9381693
8434	3.9260336	8494	3.9291123	8554	3.9321692	8614	3.9352049	8674	3.9382194
8435	3.9260851	8495	3.9291634	8555	3.9322200	8615	3.9352553	8675	3.9382695
8436	3.9261366	8496	3.9292145	8556	3.9322708	8616	3.9353057	8676	3.9383195
8437	3.9261880	8497	3.9292656	8557	3.9323215	8617	3.9353561	8677	3.9383696
8438	3.9262395	8498	3.9293167	8558	3.9323723	8618	3.9354065	8678	3.9384196
8439	3.9262910	8499	3.9293678	8559	3.9324230	8619	3.9354569	8679	3.9384697
8440	3.9263424	8500	3.9294189	8560	3.9324738	8620	3.9355073	8680	3.9385197
8441	3.9263939	8501	3.9294700	8561	3.9325245	8621	3.9355576	8681	3.9385698
8442	3.9264453	8502	3.9295211	8562	3.9325752	8622	3.9356080	8682	3.9386198
8443	3.9264968	8503	3.9295722	8563	3.9326259	8623	3.9356584	8683	3.9386698
8444	3.9265482	8504	3.9296233	8564	3.9326767	8624	3.9357087	8684	3.9387198
8445	3.9265997	8505	3.9296743	8565	3.9327274	8625	3.9357591	8685	3.9387698
8446	3.9266511	8506	3.9297254	8566	3.9327781	8626	3.9358095	8686	3.9388198
8447	3.9267025	8507	3.9297764	8567	3.9328288	8627	3.9358598	8687	3.9388698
8448	3.9267539	8508	3.9298275	8568	3.9328795	8628	3.9359101	8688	3.9389198
8449	3.9268053	8509	3.9298785	8569	3.9329301	8629	3.9359605	8689	3.9389698
8450	3.9268567	8510	3.9299296	8570	3.9329808	8630	3.9360108	8690	3.9390198
8451	3.9269081	8511	3.9299806	8571	3.9330315	8631	3.9360611	8691	3.9390697
8452	3.9269595	8512	3.9300316	8572	3.9330822	8632	3.9361114	8692	3.9391197
8453	3.9270109	8513	3.9300826	8573	3.9331328	8633	3.9361617	8693	3.9391697
8454	3.9270622	8514	3.9301336	8574	3.9331835	8634	3.9362120	8694	3.9392196
8455	3.9271136	8515	3.9301847	8575	3.9332341	8635	3.9362623	8695	3.9392696
8456	3.9271650	8516	3.9302357	8576	3.9332848	8636	3.9363126	8696	3.9393195
8457	3.9272163	8517	3.9302866	8577	3.9333354	8637	3.9363629	8697	3.9393695
8458	3.9272677	8518	3.9303376	8578	3.9333860	8638	3.9364132	8698	3.9394194
8459	3.9273190	8519	3.9303886	8579	3.9334367	8639	3.9364635	8699	3.9394693
8460	3.9273704	8520	3.9304396	8580	3.9334873	8640	3.9365137	8700	3.9395193

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
8701	3.9395692	8761	3.9425537	8821	3.9455178	8881	3.9484619	8941	3.9513861
8702	3.9396191	8762	3.9426032	8822	3.9455671	8882	3.9485108	8942	3.9514347
8703	3.9396690	8763	3.9426528	8823	3.9456163	8883	3.9485597	8943	3.9514832
8704	3.9397189	8764	3.9427024	8824	3.9456655	8884	3.9486085	8944	3.9515318
8705	3.9397688	8765	3.9427519	8825	3.9457147	8885	3.9486574	8945	3.9515803
8706	3.9398187	8766	3.9428015	8826	3.9457639	8886	3.9487063	8946	3.9516289
8707	3.9398685	8767	3.9428510	8827	3.9458131	8887	3.9487552	8947	3.9516774
8708	3.9399184	8768	3.9429005	8828	3.9458623	8888	3.9488040	8948	3.9517260
8709	3.9399683	8769	3.9429501	8829	3.9459115	8889	3.9488529	8949	3.9517745
8710	3.9400182	8770	3.9429996	8830	3.9459607	8890	3.9489018	8950	3.9518230
8711	3.9400680	8771	3.9430491	8831	3.9460099	8891	3.9489506	8951	3.9518716
8712	3.9401179	8772	3.9430986	8832	3.9460541	8892	3.9489995	8952	3.9519201
8713	3.9401677	8773	3.9431481	8833	3.9461082	8893	3.9490483	8953	3.9519686
8714	3.9402176	8774	3.9431976	8834	3.9461574	8894	3.9490971	8954	3.9520171
8715	3.9402674	8775	3.9432471	8835	3.9462066	8895	3.9491460	8955	3.9520656
8716	3.9403172	8776	3.9432966	8836	3.9462557	8896	3.9491948	8956	3.9521141
8717	3.9403670	8777	3.9433461	8837	3.9463049	8897	3.9492436	8957	3.9521626
8718	3.9404169	8778	3.9433956	8838	3.9463540	8898	3.9492924	8958	3.9522111
8719	3.9404667	8779	3.9434450	8839	3.9464031	8899	3.9493412	8959	3.9522595
8720	3.9405165	8780	3.9434945	8840	3.9464523	8900	3.9493900	8960	3.9523080
8721	3.9405663	8781	3.9435440	8841	3.9465014	8901	3.9494388	8961	3.9523565
8722	3.9406161	8782	3.9435934	8842	3.9465505	8902	3.9494876	8962	3.9524049
8723	3.9406659	8783	3.9436429	8843	3.9465996	8903	3.9495364	8963	3.9524534
8724	3.9407157	8784	3.9436923	8844	3.9466487	8904	3.9495852	8964	3.9525018
8725	3.9407654	8785	3.9437418	8845	3.9466978	8905	3.9496339	8965	3.9525503
8726	3.9408152	8786	3.9437912	8846	3.9467469	8906	3.9496827	8966	3.9525987
8727	3.9408650	8787	3.9438406	8847	3.9467960	8907	3.9497315	8967	3.9526472
8728	3.9409147	8788	3.9438900	8848	3.9468451	8908	3.9497802	8968	3.9526956
8729	3.9409645	8789	3.9439395	8849	3.9468942	8909	3.9498290	8969	3.9527440
8730	3.9410142	8790	3.9439889	8850	3.9469433	8910	3.9498777	8970	3.9527924
8731	3.9410640	8791	3.9440383	8851	3.9469923	8911	3.9499264	8971	3.9528409
8732	3.9411137	8792	3.9440877	8852	3.9470414	8912	3.9499752	8972	3.9528893
8733	3.9411635	8793	3.9441371	8853	3.9470905	8913	3.9500239	8973	3.9529377
8734	3.9412132	8794	3.9441865	8854	3.9471395	8914	3.9500726	8974	3.9529861
8735	3.9412629	8795	3.9442358	8855	3.9471886	8915	3.9501213	8975	3.9530345
8736	3.9413126	8796	3.9442852	8856	3.9472376	8916	3.9501701	8976	3.9530828
8737	3.9413623	8797	3.9443346	8857	3.9472866	8917	3.9502188	8977	3.9531312
8738	3.9414120	8798	3.9443840	8858	3.9473357	8918	3.9502675	8978	3.9531796
8739	3.9414617	8799	3.9444333	8859	3.9473847	8919	3.9503162	8979	3.9532280
8740	3.9415114	8800	3.9444827	8860	3.9474337	8920	3.9503649	8980	3.9532763
8741	3.9415611	8801	3.9445320	8861	3.9474827	8921	3.9504135	8981	3.9533247
8742	3.9416108	8802	3.9445814	8862	3.9475317	8922	3.9504622	8982	3.9533730
8743	3.9416605	8803	3.9446307	8863	3.9475807	8923	3.9505109	8983	3.9534214
8744	3.9417101	8804	3.9446800	8864	3.9476297	8924	3.9505596	8984	3.9534697
8745	3.9417598	8805	3.9447294	8865	3.9476787	8925	3.9506082	8985	3.9535181
8746	3.9418095	8806	3.9447787	8866	3.9477277	8926	3.9506569	8986	3.9535664
8747	3.9418591	8807	3.9448280	8867	3.9477767	8927	3.9507055	8987	3.9536147
8748	3.9419088	8808	3.9448773	8868	3.9478257	8928	3.9507542	8988	3.9536631
8749	3.9419584	8809	3.9449266	8869	3.9478747	8929	3.9508028	8989	3.9537114
8750	3.9420081	8810	3.9449759	8870	3.9479236	8930	3.9508515	8990	3.9537597
8751	3.9420577	8811	3.9450252	8871	3.9479726	8931	3.9509001	8991	3.9538080
8752	3.9421073	8812	3.9450745	8872	3.9480215	8932	3.9509487	8992	3.9538563
8753	3.9421569	8813	3.9451238	8873	3.9480705	8933	3.9509973	8993	3.9539046
8754	3.9422065	8814	3.9451730	8874	3.9481194	8934	3.9510459	8994	3.9539529
8755	3.9422561	8815	3.9452223	8875	3.9481684	8935	3.9510946	8995	3.9540012
8756	3.9423058	8816	3.9452716	8876	3.9482173	8936	3.9511432	8996	3.9540494
8757	3.9423553	8817	3.9453208	8877	3.9482662	8937	3.9511918	8997	3.9540977
8758	3.9424049	8818	3.9453701	8878	3.9483151	8938	3.9512404	8998	3.9541460
8759	3.9424545	8819	3.9454193	8879	3.9483641	8939	3.9512889	8999	3.9541943
8760	3.9425041	8820	3.9454686	8880	3.9484130	8940	3.9513375	9000	3.9542425

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
9001	3.9542908	9061	3.9571761	9121	3.9600425	9181	3.9628900	9241	3.9657190
9002	3.9543390	9062	3.9572241	9122	3.9600901	9182	3.9629373	9242	3.9657660
9003	3.9543872	9063	3.9572720	9123	3.9601377	9183	3.9629846	9243	3.9658130
9004	3.9544355	9064	3.9573199	9124	3.9601853	9184	3.9630319	9244	3.9658599
9005	3.9544837	9065	3.9573678	9125	3.9602329	9185	3.9630792	9245	3.9659069
9006	3.9545319	9066	3.9574157	9126	3.9602805	9186	3.9631264	9246	3.9659539
9007	3.9545802	9067	3.9574636	9127	3.9603280	9187	3.9631737	9247	3.9660009
9008	3.9546284	9068	3.9575115	9128	3.9603756	9188	3.9632210	9248	3.9660478
9009	3.9546766	9069	3.9575594	9129	3.9604232	9189	3.9632683	9249	3.9660948
9010	3.9547248	9070	3.9576073	9130	3.9604708	9190	3.9633155	9250	3.9661417
9011	3.9547730	9071	3.9576552	9131	3.9605183	9191	3.9633628	9251	3.9661887
9012	3.9548212	9072	3.9577030	9132	3.9605659	9192	3.9634100	9252	3.9662356
9013	3.9548694	9073	3.9577509	9133	3.9606135	9193	3.9634573	9253	3.9662826
9014	3.9549176	9074	3.9577988	9134	3.9606610	9194	3.9635045	9254	3.9663295
9015	3.9549657	9075	3.9578466	9135	3.9607086	9195	3.9635517	9255	3.9663764
9016	3.9550139	9076	3.9578945	9136	3.9607561	9196	3.9635990	9256	3.9664233
9017	3.9550621	9077	3.9579423	9137	3.9608036	9197	3.9636462	9257	3.9664703
9018	3.9551102	9078	3.9579902	9138	3.9608512	9198	3.9636934	9258	3.9665172
9019	3.9551584	9079	3.9580380	9139	3.9608987	9199	3.9637406	9259	3.9665641
9020	3.9552065	9080	3.9580858	9140	3.9609462	9200	3.9637878	9260	3.9666110
9021	3.9552547	9081	3.9581337	9141	3.9609937	9201	3.9638350	9261	3.9666579
9022	3.9553028	9082	3.9581815	9142	3.9610412	9202	3.9638822	9262	3.9667048
9023	3.9553510	9083	3.9582293	9143	3.9610887	9203	3.9639294	9263	3.9667517
9024	3.9553991	9084	3.9582771	9144	3.9611362	9204	3.9639766	9264	3.9667985
9025	3.9554472	9085	3.9583249	9145	3.9611837	9205	3.9640238	9265	3.9668454
9026	3.9554953	9086	3.9583727	9146	3.9612312	9206	3.9640710	9266	3.9668923
9027	3.9555434	9087	3.9584205	9147	3.9612787	9207	3.9641181	9267	3.9669392
9028	3.9555915	9088	3.9584683	9148	3.9613262	9208	3.9641653	9268	3.9669860
9029	3.9556397	9089	3.9585161	9149	3.9613736	9209	3.9642125	9269	3.9670329
9030	3.9556877	9090	3.9585639	9150	3.9614211	9210	3.9642596	9270	3.9670797
9031	3.9557358	9091	3.9586117	9151	3.9614686	9211	3.9643068	9271	3.9671266
9032	3.9557839	9092	3.9586594	9152	3.9615160	9212	3.9643539	9272	3.9671734
9033	3.9558320	9093	3.9587072	9153	3.9615635	9213	3.9644011	9273	3.9672203
9034	3.9558801	9094	3.9587549	9154	3.9616109	9214	3.9644482	9274	3.9672671
9035	3.9559282	9095	3.9588027	9155	3.9616583	9215	3.9644953	9275	3.9673139
9036	3.9559762	9096	3.9588505	9156	3.9617058	9216	3.9645425	9276	3.9673607
9037	3.9560243	9097	3.9588982	9157	3.9617532	9217	3.9645896	9277	3.9674076
9038	3.9560723	9098	3.9589459	9158	3.9618006	9218	3.9646367	9278	3.9674544
9039	3.9561204	9099	3.9589937	9159	3.9618481	9219	3.9646838	9279	3.9675012
9040	3.9561684	9100	3.9590414	9160	3.9618955	9220	3.9647309	9280	3.9675480
9041	3.9562165	9101	3.9590891	9161	3.9619429	9221	3.9647780	9281	3.9675948
9042	3.9562645	9102	3.9591368	9162	3.9619903	9222	3.9648251	9282	3.9676416
9043	3.9563125	9103	3.9591845	9163	3.9620377	9223	3.9648722	9283	3.9676883
9044	3.9563606	9104	3.9592322	9164	3.9620851	9224	3.9649193	9284	3.9677351
9045	3.9564086	9105	3.9592799	9165	3.9621325	9225	3.9649664	9285	3.9677819
9046	3.9564566	9106	3.9593276	9166	3.9621799	9226	3.9650134	9286	3.9678287
9047	3.9565046	9107	3.9593753	9167	3.9622272	9227	3.9650605	9287	3.9678754
9048	3.9565526	9108	3.9594230	9168	3.9622746	9228	3.9651076	9288	3.9679222
9049	3.9566006	9109	3.9594707	9169	3.9623220	9229	3.9651546	9289	3.9679690
9050	3.9566486	9110	3.9595184	9170	3.9623693	9230	3.9652017	9290	3.9680157
9051	3.9566966	9111	3.9595660	9171	3.9624167	9231	3.9652488	9291	3.9680625
9052	3.9567445	9112	3.9596137	9172	3.9624640	9232	3.9652958	9292	3.9681092
9053	3.9567925	9113	3.9596614	9173	3.9625114	9233	3.9653428	9293	3.9681559
9054	3.9568405	9114	3.9597090	9174	3.9625587	9234	3.9653899	9294	3.9682027
9055	3.9568885	9115	3.9597567	9175	3.9626061	9235	3.9654369	9295	3.9682494
9056	3.9569364	9116	3.9598043	9176	3.9626534	9236	3.9654839	9296	3.9682961
9057	3.9569844	9117	3.9598520	9177	3.9627007	9237	3.9655309	9297	3.9683428
9058	3.9570323	9118	3.9598996	9178	3.9627481	9238	3.9655780	9298	3.9683895
9059	3.9570803	9119	3.9599472	9179	3.9627954	9239	3.9656250	9299	3.9684362
9060	3.9571282	9120	3.9599948	9180	3.9628427	9240	3.9656720	9300	3.9684829

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
9301	3.9685296	9361	3.9713222	9421	3.9740970	9481	3.9768541	9541	3.9795939
9302	3.9685763	9362	3.9713686	9422	3.9741431	9482	3.9768999	9542	3.9796394
9303	3.9686230	9363	3.9714150	9423	3.9741892	9483	3.9769457	9543	3.9796849
9304	3.9686697	9364	3.9714614	9424	3.9742353	9484	3.9769915	9544	3.9797304
9305	3.9687164	9365	3.9715073	9425	3.9742814	9485	3.9770373	9545	3.9797759
9306	3.9687630	9366	3.9715542	9426	3.9743274	9486	3.9770831	9546	3.9798214
9307	3.9688097	9367	3.9716005	9427	3.9743735	9487	3.9771289	9547	3.9798669
9308	3.9688564	9368	3.9716469	9428	3.9744196	9488	3.9771747	9548	3.9799124
9309	3.9689030	9369	3.9716932	9429	3.9744656	9489	3.9772204	9549	3.9799579
9310	3.9689497	9370	3.9717396	9430	3.9745117	9490	3.9772662	9550	3.9800034
9311	3.9689963	9371	3.9717859	9431	3.9745577	9491	3.9773120	9551	3.9800488
9312	3.9690430	9372	3.9718323	9432	3.9746038	9492	3.9773577	9552	3.9800943
9313	3.9690896	9373	3.9718786	9433	3.9746498	9493	3.9774035	9553	3.9801398
9314	3.9691362	9374	3.9719249	9434	3.9746959	9494	3.9774492	9554	3.9801852
9315	3.9691829	9375	3.9719713	9435	3.9747419	9495	3.9774950	9555	3.9802307
9316	3.9692295	9376	3.9720176	9436	3.9747879	9496	3.9775407	9556	3.9802761
9317	3.9692761	9377	3.9720639	9437	3.9748340	9497	3.9775864	9557	3.9803216
9318	3.9693227	9378	3.9721102	9438	3.9748800	9498	3.9776322	9558	3.9803670
9319	3.9693693	9379	3.9721565	9439	3.9749260	9499	3.9776779	9559	3.9804125
9320	3.9694159	9380	3.9722028	9440	3.9749720	9500	3.9777236	9560	3.9804579
9321	3.9694625	9381	3.9722491	9441	3.9750180	9501	3.9777693	9561	3.9805033
9322	3.9695091	9382	3.9722954	9442	3.9750640	9502	3.9778150	9562	3.9805487
9323	3.9695557	9383	3.9723417	9443	3.9751100	9503	3.9778607	9563	3.9805942
9324	3.9696023	9384	3.9723880	9444	3.9751560	9504	3.9779064	9564	3.9806396
9325	3.9696488	9385	3.9724343	9445	3.9752020	9505	3.9779521	9565	3.9806850
9326	3.9696954	9386	3.9724805	9446	3.9752479	9506	3.9779978	9566	3.9807304
9327	3.9697420	9387	3.9725268	9447	3.9752939	9507	3.9780435	9567	3.9807758
9328	3.9697885	9388	3.9725731	9448	3.9753399	9508	3.9780892	9568	3.9808212
9329	3.9698351	9389	3.9726193	9449	3.9753858	9509	3.9781348	9569	3.9808666
9330	3.9698816	9390	3.9726656	9450	3.9754318	9510	3.9781805	9570	3.9809119
9331	3.9699282	9391	3.9727118	9451	3.9754778	9511	3.9782262	9571	3.9809573
9332	3.9699747	9392	3.9727581	9452	3.9755237	9512	3.9782718	9572	3.9810027
9333	3.9700213	9393	3.9728043	9453	3.9755697	9513	3.9783175	9573	3.9810481
9334	3.9700678	9394	3.9728506	9454	3.9756156	9514	3.9783631	9574	3.9810934
9335	3.9701143	9395	3.9728968	9455	3.9756615	9515	3.9784088	9575	3.9811388
9336	3.9701608	9396	3.9729430	9456	3.9757075	9516	3.9784544	9576	3.9811841
9337	3.9702074	9397	3.9729892	9457	3.9757534	9517	3.9785001	9577	3.9812295
9338	3.9702539	9398	3.9730354	9458	3.9757993	9518	3.9785457	9578	3.9812748
9339	3.9703004	9399	3.9730816	9459	3.9758452	9519	3.9785913	9579	3.9813202
9340	3.9703469	9400	3.9731279	9460	3.9758911	9520	3.9786369	9580	3.9813655
9341	3.9703934	9401	3.9731741	9461	3.9759370	9521	3.9786826	9581	3.9814108
9342	3.9704399	9402	3.9732202	9462	3.9759829	9522	3.9787282	9582	3.9814562
9343	3.9704863	9403	3.9732664	9463	3.9760288	9523	3.9787738	9583	3.9815015
9344	3.9705328	9404	3.9733126	9464	3.9760747	9524	3.9788194	9584	3.9815468
9345	3.9705793	9405	3.9733588	9465	3.9761206	9525	3.9788650	9585	3.9815921
9346	3.9706258	9406	3.9734050	9466	3.9761665	9526	3.9789106	9586	3.9816374
9347	3.9706722	9407	3.9734511	9467	3.9762124	9527	3.9789562	9587	3.9816827
9348	3.9707187	9408	3.9734973	9468	3.9762582	9528	3.9790017	9588	3.9817280
9349	3.9707652	9409	3.9735435	9469	3.9763041	9529	3.9790473	9589	3.9817733
9350	3.9708116	9410	3.9735896	9470	3.9763500	9530	3.9790929	9590	3.9818186
9351	3.9708581	9411	3.9736358	9471	3.9763958	9531	3.9791385	9591	3.9818639
9352	3.9709045	9412	3.9736819	9472	3.9764417	9532	3.9791840	9592	3.9819092
9353	3.9709509	9413	3.9737281	9473	3.9764875	9533	3.9792296	9593	3.9819544
9354	3.9709974	9414	3.9737742	9474	3.9765334	9534	3.9792751	9594	3.9819997
9355	3.9710438	9415	3.9738203	9475	3.9765792	9535	3.9793207	9595	3.9820450
9356	3.9710902	9416	3.9738664	9476	3.9766251	9536	3.9793662	9596	3.9820902
9357	3.9711366	9417	3.9739126	9477	3.9766709	9537	3.9794118	9597	3.9821355
9358	3.9711830	9418	3.9739587	9478	3.9767167	9538	3.9794573	9598	3.9821807
9359	3.9712294	9419	3.9740048	9479	3.9767625	9539	3.9795028	9599	3.9822260
9360	3.9712758	9420	3.9740509	9480	3.9768083	9540	3.9795484	9600	3.9822712

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
9601	3.9823165	9661	3.9850221	9721	3.9877109	9781	3.9903833	9841	3.9930392
9602	3.9823617	9662	3.9850670	9722	3.9877556	9782	3.9904277	9842	3.9930834
9603	3.9824069	9663	3.9851120	9723	3.9878003	9783	3.9904721	9843	3.9931275
9604	3.9824522	9664	3.9851569	9724	3.9878449	9784	3.9905164	9844	3.9931716
9605	3.9824974	9665	3.9852019	9725	3.9878896	9785	3.9905608	9845	3.9932157
9606	3.9825426	9666	3.9852468	9726	3.9879343	9786	3.9906052	9846	3.9932598
9607	3.9825878	9667	3.9852917	9727	3.9879789	9787	3.9906496	9847	3.9933039
9608	3.9826330	9668	3.9853366	9728	3.9880236	9788	3.9906940	9848	3.9933480
9609	3.9826782	9669	3.9853816	9729	3.9880682	9789	3.9907383	9849	3.9933921
9610	3.9827234	9670	3.9854265	9730	3.9881128	9790	3.9907827	9850	3.9934362
9611	3.9827686	9671	3.9854714	9731	3.9881575	9791	3.9908270	9851	3.9934803
9612	3.9828138	9672	3.9855163	9732	3.9882021	9792	3.9908714	9852	3.9935244
9613	3.9828589	9673	3.9855612	9733	3.9882467	9793	3.9909158	9853	3.9935685
9614	3.9829041	9674	3.9856061	9734	3.9882913	9794	3.9909601	9854	3.9936126
9615	3.9829493	9675	3.9856510	9735	3.9883360	9795	3.9910044	9855	3.9936566
9616	3.9829945	9676	3.9856959	9736	3.9883806	9796	3.9910488	9856	3.9937007
9617	3.9830396	9677	3.9857407	9737	3.9884252	9797	3.9910931	9857	3.9937448
9618	3.9830848	9678	3.9857856	9738	3.9884698	9798	3.9911374	9858	3.9937888
9619	3.9831299	9679	3.9858305	9739	3.9885144	9799	3.9911818	9859	3.9938329
9620	3.9831751	9680	3.9858754	9740	3.9885590	9800	3.9912261	9860	3.9938769
9621	3.9832202	9681	3.9859202	9741	3.9886035	9801	3.9912704	9861	3.9939210
9622	3.9832654	9682	3.9859651	9742	3.9886481	9802	3.9913147	9862	3.9939650
9623	3.9833105	9683	3.9860099	9743	3.9886927	9803	3.9913590	9863	3.9940090
9624	3.9833556	9684	3.9860548	9744	3.9887373	9804	3.9914033	9864	3.9940531
9625	3.9834007	9685	3.9860996	9745	3.9887818	9805	3.9914476	9865	3.9940971
9626	3.9834459	9686	3.9861445	9746	3.9888264	9806	3.9914919	9866	3.9941411
9627	3.9834910	9687	3.9861893	9747	3.9888710	9807	3.9915362	9867	3.9941851
9628	3.9835361	9688	3.9862341	9748	3.9889155	9808	3.9915805	9868	3.9942291
9629	3.9835812	9689	3.9862790	9749	3.9889601	9809	3.9916247	9869	3.9942731
9630	3.9836263	9690	3.9863238	9750	3.9890046	9810	3.9916690	9870	3.9943172
9631	3.9836714	9691	3.9863686	9751	3.9890492	9811	3.9917133	9871	3.9943612
9632	3.9837165	9692	3.9864134	9752	3.9890937	9812	3.9917575	9872	3.9944051
9633	3.9837616	9693	3.9864582	9753	3.9891382	9813	3.9918018	9873	3.9944491
9634	3.9838066	9694	3.9865030	9754	3.9891828	9814	3.9918461	9874	3.9944931
9635	3.9838517	9695	3.9865478	9755	3.9892273	9815	3.9918903	9875	3.9945371
9636	3.9838968	9696	3.9865926	9756	3.9892718	9816	3.9919345	9876	3.9945811
9637	3.9839419	9697	3.9866374	9757	3.9893163	9817	3.9919788	9877	3.9946251
9638	3.9839869	9698	3.9866822	9758	3.9893608	9818	3.9920230	9878	3.9946690
9639	3.9840320	9699	3.9867270	9759	3.9894053	9819	3.9920673	9879	3.9947130
9640	3.9840770	9700	3.9867717	9760	3.9894498	9820	3.9921115	9880	3.9947569
9641	3.9841221	9701	3.9868165	9761	3.9894943	9821	3.9921557	9881	3.9948009
9642	3.9841671	9702	3.9868613	9762	3.9895388	9822	3.9921999	9882	3.9948448
9643	3.9842122	9703	3.9869060	9763	3.9895833	9823	3.9922441	9883	3.9948888
9644	3.9842572	9704	3.9869508	9764	3.9896278	9824	3.9922884	9884	3.9949327
9645	3.9843022	9705	3.9869955	9765	3.9896722	9825	3.9923326	9885	3.9949767
9646	3.9843473	9706	3.9870403	9766	3.9897167	9826	3.9923768	9886	3.9950206
9647	3.9843923	9707	3.9870850	9767	3.9897612	9827	3.9924210	9887	3.9950645
9648	3.9844373	9708	3.9871298	9768	3.9898056	9828	3.9924651	9888	3.9951085
9649	3.9844823	9709	3.9871745	9769	3.9898501	9829	3.9925093	9889	3.9951524
9650	3.9845273	9710	3.9872192	9770	3.9898946	9830	3.9925535	9890	3.9951963
9651	3.9845723	9711	3.9872640	9771	3.9899390	9831	3.9925977	9891	3.9952402
9652	3.9846173	9712	3.9873087	9772	3.9899835	9832	3.9926419	9892	3.9952841
9653	3.9846623	9713	3.9873534	9773	3.9900279	9833	3.9926860	9893	3.9953280
9654	3.9847073	9714	3.9873981	9774	3.9900723	9834	3.9927302	9894	3.9953719
9655	3.9847523	9715	3.9874428	9775	3.9901168	9835	3.9927744	9895	3.9954158
9656	3.9847973	9716	3.9874875	9776	3.9901612	9836	3.9928185	9896	3.9954597
9657	3.9848422	9717	3.9875322	9777	3.9902056	9837	3.9928627	9897	3.9955036
9658	3.9848872	9718	3.9875769	9778	3.9902500	9838	3.9929068	9898	3.9955474
9659	3.9849322	9719	3.9876216	9779	3.9902944	9839	3.9929510	9899	3.9955913
9660	3.9849771	9720	3.9876663	9780	3.9903389	9840	3.9929951	9900	3.9956352

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
9901	3.9956791	9961	3.9983029	10021	4.0009111	10081	4.0035036	10141	4.0060808
9902	3.9957229	9962	3.9983465	10022	4.0009544	10082	4.0035467	10142	4.0061236
9903	3.9957668	9963	3.9983901	10023	4.0009977	10083	4.0035898	10143	4.0061664
9904	3.9958106	9964	3.9984337	10024	4.0010411	10084	4.0036328	10144	4.0062092
9905	3.9958545	9965	3.9984773	10025	4.0010844	10085	4.0036759	10145	4.0062521
9906	3.9958983	9966	3.9985209	10026	4.0011277	10086	4.0037190	10146	4.0062949
9907	3.9959422	9967	3.9985645	10027	4.0011710	10087	4.0037620	10147	4.0063377
9908	3.9959860	9968	3.9986080	10028	4.0012143	10088	4.0038051	10148	4.0063805
9909	3.9960298	9969	3.9986516	10029	4.0012576	10089	4.0038481	10149	4.0064233
9910	3.9960737	9970	3.9986952	10030	4.0013009	10090	4.0038912	10150	4.0064660
9911	3.9961175	9971	3.9987387	10031	4.0013442	10091	4.0039342	10151	4.0065088
9912	3.9961613	9972	3.9987823	10032	4.0013875	10092	4.0039772	10152	4.0065516
9913	3.9962051	9973	3.9988258	10033	4.0014308	10093	4.0040203	10153	4.0065944
9914	3.9962489	9974	3.9988694	10034	4.0014741	10094	4.0040633	10154	4.0066372
9915	3.9962927	9975	3.9989129	10035	4.0015174	10095	4.0041063	10155	4.0066799
9916	3.9963365	9976	3.9989564	10036	4.0015606	10096	4.0041493	10156	4.0067227
9917	3.9963803	9977	3.9990000	10037	4.0016039	10097	4.0041924	10157	4.0067655
9918	3.9964241	9978	3.9990435	10038	4.0016472	10098	4.0042354	10158	4.0068082
9919	3.9964679	9979	3.9990870	10039	4.0016905	10099	4.0042784	10159	4.0068510
9920	3.9965117	9980	3.9991305	10040	4.0017337	10100	4.0043214	10160	4.0068937
9921	3.9965554	9981	3.9991741	10041	4.0017770	10101	4.0043644	10161	4.0069365
9922	3.9965992	9982	3.9992176	10042	4.0018202	10102	4.0044074	10162	4.0069792
9923	3.9966430	9983	3.9992611	10043	4.0018635	10103	4.0044504	10163	4.0070219
9924	3.9966868	9984	3.9993046	10044	4.0019067	10104	4.0044933	10164	4.0070647
9925	3.9967305	9985	3.9993481	10045	4.0019499	10105	4.0045363	10165	4.0071074
9926	3.9967743	9986	3.9993916	10046	4.0019932	10106	4.0045793	10166	4.0071501
9927	3.9968180	9987	3.9994350	10047	4.0020364	10107	4.0046223	10167	4.0071928
9928	3.9968618	9988	3.9994785	10048	4.0020796	10108	4.0046652	10168	4.0072355
9929	3.9969055	9989	3.9995220	10049	4.0021228	10109	4.0047082	10169	4.0072782
9930	3.9969492	9990	3.9995655	10050	4.0021661	10110	4.0047512	10170	4.0073210
9931	3.9969930	9991	3.9996090	10051	4.0022093	10111	4.0047941	10171	4.0073636
9932	3.9970367	9992	3.9996524	10052	4.0022525	10112	4.0048371	10172	4.0074063
9933	3.9970804	9993	3.9996959	10053	4.0022957	10113	4.0048800	10173	4.0074490
9934	3.9971242	9994	3.9997393	10054	4.0023389	10114	4.0049229	10174	4.0074917
9935	3.9971679	9995	3.9997828	10055	4.0023821	10115	4.0049659	10175	4.0075344
9936	3.9972116	9996	3.9998262	10056	4.0024253	10116	4.0050088	10176	4.0075771
9937	3.9972553	9997	3.9998697	10057	4.0024684	10117	4.0050517	10177	4.0076198
9938	3.9972990	9998	3.9999131	10058	4.0025116	10118	4.0050947	10178	4.0076624
9939	3.9973427	9999	3.9999566	10059	4.0025548	10119	4.0051376	10179	4.0077051
9940	3.9973864	10000	4.0000000	10060	4.0025980	10120	4.0051805	10180	4.0077478
9941	3.9974301	10001	4.0000434	10061	4.0026413	10121	4.0052234	10181	4.0077904
9942	3.9974738	10002	4.0000868	10062	4.0026843	10122	4.0052663	10182	4.0078331
9943	3.9975174	10003	4.0001303	10063	4.0027275	10123	4.0053092	10183	4.0078757
9944	3.9975611	10004	4.0001737	10064	4.0027706	10124	4.0053521	10184	4.0079184
9945	3.9976048	10005	4.0002171	10065	4.0028138	10125	4.0053950	10185	4.0079610
9946	3.9976485	10006	4.0002605	10066	4.0028569	10126	4.0054379	10186	4.0080037
9947	3.9976921	10007	4.0003039	10067	4.0028999	10127	4.0054808	10187	4.0080463
9948	3.9977358	10008	4.0003473	10068	4.0029432	10128	4.0055237	10188	4.0080889
9949	3.9977794	10009	4.0003907	10069	4.0029863	10129	4.0055666	10189	4.0081316
9950	3.9978231	10010	4.0004308	10070	4.0030295	10130	4.0056094	10190	4.0081742
9951	3.9978667	10011	4.0004775	10071	4.0030726	10131	4.0056523	10191	4.0082168
9952	3.9979104	10012	4.0005208	10072	4.0031157	10132	4.0056952	10192	4.0082594
9953	3.9979540	10013	4.0005642	10073	4.0031588	10133	4.0057380	10193	4.0083020
9954	3.9979976	10014	4.0006076	10074	4.0032019	10134	4.0057809	10194	4.0083446
9955	3.9980413	10015	4.0006509	10075	4.0032451	10135	4.0058238	10195	4.0083872
9956	3.9980849	10016	4.0006943	10076	4.0032882	10136	4.0058666	10196	4.0084298
9957	3.9981285	10017	4.0007377	10077	4.0033313	10137	4.0059094	10197	4.0084724
9958	3.9981721	10018	4.0007810	10078	4.0033744	10138	4.0059523	10198	4.0085150
9959	3.9982157	10019	4.0008244	10079	4.0034174	10139	4.0059951	10199	4.0085576
9960	3.9982593	10020	4.0008677	10080	4.0034605	10140	4.0060380	10200	4.0086002

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
10201	4.0086427	10261	4.0111897	10321	4.0137218	10381	4.0162392	10441	4.0187421
10202	4.0086853	10262	4.0112320	10322	4.0137639	10382	4.0162810	10442	4.0187837
10203	4.0087279	10263	4.0112743	10323	4.0138059	10383	4.0163229	10443	4.0188253
10204	4.0087704	10264	4.0113166	10324	4.0138480	10384	4.0163647	10444	4.0188669
10205	4.0088130	10265	4.0113589	10325	4.0138901	10385	4.0164065	10445	4.0189084
10206	4.0088556	10266	4.0114013	10326	4.0139321	10386	4.0164483	10446	4.0189500
10207	4.0088981	10267	4.0114436	10327	4.0139742	10387	4.0164901	10447	4.0189916
10208	4.0089407	10268	4.0114859	10328	4.0140162	10388	4.0165319	10448	4.0190332
10209	4.0089832	10269	4.0115282	10329	4.0140583	10389	4.0165737	10449	4.0190747
10210	4.0090257	10270	4.0115704	10330	4.0141003	10390	4.0166155	10450	4.0191163
10211	4.0090683	10271	4.0116127	10331	4.0141424	10391	4.0166573	10451	4.0191578
10212	4.0091108	10272	4.0116550	10332	4.0141844	10392	4.0166991	10452	4.0191994
10213	4.0091533	10273	4.0116973	10333	4.0142264	10393	4.0167409	10453	4.0192409
10214	4.0091959	10274	4.0117396	10334	4.0142685	10394	4.0167827	10454	4.0192825
10215	4.0092384	10275	4.0117818	10335	4.0143105	10395	4.0168245	10455	4.0193240
10216	4.0092809	10276	4.0118241	10336	4.0143525	10396	4.0168663	10456	4.0193656
10217	4.0093234	10277	4.0118664	10337	4.0143945	10397	4.0169080	10457	4.0194071
10218	4.0093659	10278	4.0119086	10338	4.0144365	10398	4.0169498	10458	4.0194486
10219	4.0094084	10279	4.0119509	10339	4.0144785	10399	4.0169916	10459	4.0194902
10220	4.0094509	10280	4.0119931	10340	4.0145205	10400	4.0170333	10460	4.0195317
10221	4.0094934	10281	4.0120354	10341	4.0145625	10401	4.0170751	10461	4.0195732
10222	4.0095359	10282	4.0120776	10342	4.0146045	10402	4.0171168	10462	4.0196147
10223	4.0095784	10283	4.0121198	10343	4.0146465	10403	4.0171586	10463	4.0196562
10224	4.0096208	10284	4.0121621	10344	4.0146885	10404	4.0172003	10464	4.0196977
10225	4.0096633	10285	4.0122043	10345	4.0147305	10405	4.0172421	10465	4.0197392
10226	4.0097058	10286	4.0122465	10346	4.0147725	10406	4.0172838	10466	4.0197807
10227	4.0097483	10287	4.0122887	10347	4.0148144	10407	4.0173256	10467	4.0198222
10228	4.0097907	10288	4.0123310	10348	4.0148564	10408	4.0173673	10468	4.0198637
10229	4.0098332	10289	4.0123732	10349	4.0148984	10409	4.0174090	10469	4.0199052
10230	4.0098756	10290	4.0124154	10350	4.0149403	10410	4.0174507	10470	4.0199467
10231	4.0099181	10291	4.0124576	10351	4.0149823	10411	4.0174924	10471	4.0199882
10232	4.0099605	10292	4.0124998	10352	4.0150243	10412	4.0175342	10472	4.0200296
10233	4.0100029	10293	4.0125420	10353	4.0150662	10413	4.0175759	10473	4.0200711
10234	4.0100454	10294	4.0125842	10354	4.0151082	10414	4.0176176	10474	4.0201126
10235	4.0100878	10295	4.0126263	10355	4.0151501	10415	4.0176593	10475	4.0201540
10236	4.0101303	10296	4.0126685	10356	4.0151920	10416	4.0177010	10476	4.0201955
10237	4.0101727	10297	4.0127107	10357	4.0152340	10417	4.0177427	10477	4.0202369
10238	4.0102151	10298	4.0127529	10358	4.0152759	10418	4.0177844	10478	4.0202784
10239	4.0102575	10299	4.0127951	10359	4.0153178	10419	4.0178260	10479	4.0203198
10240	4.0103000	10300	4.0128372	10360	4.0153598	10420	4.0178677	10480	4.0203613
10241	4.0103424	10301	4.0128794	10361	4.0154017	10421	4.0179094	10481	4.0204027
10242	4.0103848	10302	4.0129215	10362	4.0154436	10422	4.0179511	10482	4.0204442
10243	4.0104272	10303	4.0129637	10363	4.0154855	10423	4.0179927	10483	4.0204856
10244	4.0104696	10304	4.0130058	10364	4.0155274	10424	4.0180344	10484	4.0205270
10245	4.0105120	10305	4.0130480	10365	4.0155693	10425	4.0180761	10485	4.0205684
10246	4.0105543	10306	4.0130901	10366	4.0156112	10426	4.0181177	10486	4.0206099
10247	4.0105967	10307	4.0131323	10367	4.0156531	10427	4.0181594	10487	4.0206513
10248	4.0106391	10308	4.0131744	10368	4.0156950	10428	4.0182010	10488	4.0206927
10249	4.0106815	10309	4.0132165	10369	4.0157369	10429	4.0182427	10489	4.0207341
10250	4.0107239	10310	4.0132587	10370	4.0157788	10430	4.0182843	10490	4.0207755
10251	4.0107662	10311	4.0133008	10371	4.0158206	10431	4.0183259	10491	4.0208169
10252	4.0108086	10312	4.0133429	10372	4.0158625	10432	4.0183676	10492	4.0208583
10253	4.0108510	10313	4.0133850	10373	4.0159044	10433	4.0184092	10493	4.0208997
10254	4.0108933	10314	4.0134271	10374	4.0159462	10434	4.0184508	10494	4.0209411
10255	4.0109357	10315	4.0134692	10375	4.0159881	10435	4.0184925	10495	4.0209824
10256	4.0109780	10316	4.0135113	10376	4.0160300	10436	4.0185341	10496	4.0210238
10257	4.0110204	10317	4.0135534	10377	4.0160718	10437	4.0185757	10497	4.0210652
10258	4.0110627	10318	4.0135955	10378	4.0161137	10438	4.0186173	10498	4.0211066
10259	4.0111050	10319	4.0136376	10379	4.0161555	10439	4.0186589	10499	4.0211479
10260	4.0111474	10320	4.0136797	10380	4.0161974	10440	4.0187005	10500	4.0211893

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
10501	4.0212307	10561	4.0237050	10621	4.0261654	10681	4.0286119	10741	4.0310447
10502	4.0212720	10562	4.0237462	10622	4.0262063	10682	4.0286526	10742	4.0310851
10503	4.0213134	10563	4.0237873	10623	4.0262472	10683	4.0286932	10743	4.0311256
10504	4.0213547	10564	4.0238284	10624	4.0262881	10684	4.0287339	10744	4.0311660
10505	4.0213961	10565	4.0238695	10625	4.0263289	10685	4.0287745	10745	4.0312064
10506	4.0214374	10566	4.0239106	10626	4.0263698	10686	4.0288152	10746	4.0312468
10507	4.0214787	10567	4.0239517	10627	4.0264107	10687	4.0288558	10747	4.0312872
10508	4.0215201	10568	4.0239928	10628	4.0264515	10688	4.0288964	10748	4.0313277
10509	4.0215614	10569	4.0240339	10629	4.0264924	10689	4.0289371	10749	4.0313681
10510	4.0216027	10570	4.0240750	10630	4.0265333	10690	4.0289777	10750	4.0314085
10511	4.0216440	10571	4.0241161	10631	4.0265741	10691	4.0290183	10751	4.0314489
10512	4.0216853	10572	4.0241572	10632	4.0266150	10692	4.0290590	10752	4.0314893
10513	4.0217267	10573	4.0241982	10633	4.0266558	10693	4.0290996	10753	4.0315296
10514	4.0217680	10574	4.0242393	10634	4.0266967	10694	4.0291402	10754	4.0315700
10515	4.0218093	10575	4.0242804	10635	4.0267375	10695	4.0291808	10755	4.0316141
10516	4.0218506	10576	4.0243214	10636	4.0267783	10696	4.0292214	10756	4.0316508
10517	4.0218919	10577	4.0243625	10637	4.0268192	10697	4.0292620	10757	4.0316912
10518	4.0219332	10578	4.0244036	10638	4.0268600	10698	4.0293026	10758	4.0317315
10519	4.0219745	10579	4.0244446	10639	4.0269008	10699	4.0293432	10759	4.0317719
10520	4.0220157	10580	4.0244857	10640	4.0269416	10700	4.0293838	10760	4.0318123
10521	4.0220570	10581	4.0245267	10641	4.0269824	10701	4.0294244	10761	4.0318526
10522	4.0220983	10582	4.0245678	10642	4.0270233	10702	4.0294649	10762	4.0318930
10523	4.0221396	10583	4.0246088	10643	4.0270641	10703	4.0295055	10763	4.0319333
10524	4.0221808	10584	4.0246498	10644	4.0271049	10704	4.0295461	10764	4.0319737
10525	4.0222221	10585	4.0246909	10645	4.0271457	10705	4.0295867	10765	4.0320140
10526	4.0222634	10586	4.0247319	10646	4.0271865	10706	4.0296272	10766	4.0320544
10527	4.0223046	10587	4.0247729	10647	4.0272273	10707	4.0296678	10767	4.0320947
10528	4.0223459	10588	4.0248139	10648	4.0272680	10708	4.0297084	10768	4.0321350
10529	4.0223871	10589	4.0248549	10649	4.0273088	10709	4.0297489	10769	4.0321754
10530	4.0224284	10590	4.0248960	10650	4.0273496	10710	4.0297895	10770	4.0322157
10531	4.0224696	10591	4.0249370	10651	4.0273904	10711	4.0298300	10771	4.0322560
10532	4.0225108	10592	4.0249780	10652	4.0274312	10712	4.0298706	10772	4.0322963
10533	4.0225521	10593	4.0250190	10653	4.0274719	10713	4.0299111	10773	4.0323367
10534	4.0225933	10594	4.0250600	10654	4.0275127	10714	4.0299516	10774	4.0323770
10535	4.0226345	10595	4.0251010	10655	4.0275534	10715	4.0299922	10775	4.0324173
10536	4.0226758	10596	4.0251419	10656	4.0275942	10716	4.0300327	10776	4.0324576
10537	4.0227170	10597	4.0251829	10657	4.0276350	10717	4.0300732	10777	4.0324979
10538	4.0227582	10598	4.0252239	10658	4.0276757	10718	4.0301137	10778	4.0325382
10539	4.0227994	10599	4.0252649	10659	4.0277165	10719	4.0301543	10779	4.0325785
10540	4.0228406	10600	4.0253059	10660	4.0277572	10720	4.0301948	10780	4.0326188
10541	4.0228818	10601	4.0253468	10661	4.0277979	10721	4.0302353	10781	4.0326590
10542	4.0229230	10602	4.0253878	10662	4.0278387	10722	4.0302758	10782	4.0326993
10543	4.0229642	10603	4.0254288	10663	4.0278794	10723	4.0303163	10783	4.0327396
10544	4.0230054	10604	4.0254697	10664	4.0279201	10724	4.0303568	10784	4.0327799
10545	4.0230466	10605	4.0255107	10665	4.0279609	10725	4.0303973	10785	4.0328201
10546	4.0230878	10606	4.0255516	10666	4.0280016	10726	4.0304378	10786	4.0328604
10547	4.0231289	10607	4.0255926	10667	4.0280423	10727	4.0304783	10787	4.0329007
10548	4.0231701	10608	4.0256335	10668	4.0280830	10728	4.0305188	10788	4.0329409
10549	4.0232113	10609	4.0256744	10669	4.0281237	10729	4.0305592	10789	4.0329812
10550	4.0232525	10610	4.0257154	10670	4.0281644	10730	4.0305997	10790	4.0330214
10551	4.0232936	10611	4.0257563	10671	4.0282051	10731	4.0306402	10791	4.0330617
10552	4.0233348	10612	4.0257972	10672	4.0282458	10732	4.0306807	10792	4.0331019
10553	4.0233759	10613	4.0258382	10673	4.0282865	10733	4.0307211	10793	4.0331422
10554	4.0234171	10614	4.0258791	10674	4.0283272	10734	4.0307616	10794	4.0331824
10555	4.0234582	10615	4.0259200	10675	4.0283679	10735	4.0308020	10795	4.0332226
10556	4.0234994	10616	4.0259609	10676	4.0284086	10736	4.0308425	10796	4.0332629
10557	4.0235405	10617	4.0260018	10677	4.0284492	10737	4.0308829	10797	4.0333031
10558	4.0235817	10618	4.0260427	10678	4.0284899	10738	4.0309234	10798	4.0333433
10559	4.0236228	10619	4.0260836	10679	4.0285306	10739	4.0309638	10799	4.0333835
10560	4.0236639	10620	4.0261245	10680	4.0285712	10740	4.0310043	10800	4.0334238

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
10801	4.0334640	10861	4.0358698	10921	4.0382624	10981	4.0406419	11041	4.0430084
10802	4.0335042	10862	4.0359098	10922	4.0383022	10982	4.0406814	11042	4.0430477
10803	4.0335444	10863	4.0359498	10923	4.0383419	10983	4.0407210	11043	4.0430871
10804	4.0335846	10864	4.0359898	10924	4.0383817	10984	4.0407605	11044	4.0431264
10805	4.0336248	10865	4.0360297	10925	4.0384214	10985	4.0408001	11045	4.0431657
10806	4.0336650	10866	4.0360697	10926	4.0384612	10986	4.0408396	11046	4.0432050
10807	4.0337051	10867	4.0361097	10927	4.0385009	10987	4.0408791	11047	4.0432444
10808	4.0337453	10868	4.0361496	10928	4.0385407	10988	4.0409186	11048	4.0432837
10809	4.0337855	10869	4.0361896	10929	4.0385804	10989	4.0409582	11049	4.0433230
10810	4.0338257	10870	4.0362295	10930	4.0386202	10990	4.0409977	11050	4.0433623
10811	4.0338659	10871	4.0362695	10931	4.0386599	10991	4.0410372	11051	4.0434016
10812	4.0339060	10872	4.0363094	10932	4.0386996	10992	4.0410767	11052	4.0434408
10813	4.0339462	10873	4.0363494	10933	4.0387393	10993	4.0411162	11053	4.0434802
10814	4.0339864	10874	4.0363893	10934	4.0387790	10994	4.0411557	11054	4.0435195
10815	4.0340265	10875	4.0364293	10935	4.0388188	10995	4.0411952	11055	4.0435587
10816	4.0340667	10876	4.0364692	10936	4.0388585	10996	4.0412347	11056	4.0435980
10817	4.0341068	10877	4.0365091	10937	4.0388982	10997	4.0412742	11057	4.0436373
10818	4.0341470	10878	4.0365491	10938	4.0389379	10998	4.0413137	11058	4.0436766
10819	4.0341871	10879	4.0365890	10939	4.0389776	10999	4.0413532	11059	4.0437159
10820	4.0342273	10880	4.0366290	10940	4.0390173	11000	4.0413927	11060	4.0437551
10821	4.0342674	10881	4.0366688	10941	4.0390570	11001	4.0414322	11061	4.0437944
10822	4.0343075	10882	4.0367087	10942	4.0390967	11002	4.0414716	11062	4.0438336
10823	4.0343477	10883	4.0367486	10943	4.0391364	11003	4.0415111	11063	4.0438729
10824	4.0343878	10884	4.0367885	10944	4.0391761	11004	4.0415506	11064	4.0439122
10825	4.0344279	10885	4.0368284	10945	4.0392158	11005	4.0415901	11065	4.0439514
10826	4.0344680	10886	4.0368683	10946	4.0392554	11006	4.0416295	11066	4.0439907
10827	4.0345081	10887	4.0369082	10947	4.0392951	11007	4.0416690	11067	4.0440299
10828	4.0345482	10888	4.0369481	10948	4.0393348	11008	4.0417084	11068	4.0440691
10829	4.0345884	10889	4.0369880	10949	4.0393745	11009	4.0417479	11069	4.0441083
10830	4.0346285	10890	4.0370279	10950	4.0394141	11010	4.0417873	11070	4.0441476
10831	4.0346686	10891	4.0370678	10951	4.0394538	11011	4.0418268	11071	4.0441868
10832	4.0347086	10892	4.0371076	10952	4.0394934	11012	4.0418662	11072	4.0442261
10833	4.0347487	10893	4.0371475	10953	4.0395331	11013	4.0419056	11073	4.0442653
10834	4.0347888	10894	4.0371874	10954	4.0395727	11014	4.0419451	11074	4.0443045
10835	4.0348289	10895	4.0372272	10955	4.0396124	11015	4.0419845	11075	4.0443437
10836	4.0348690	10896	4.0372670	10956	4.0396520	11016	4.0420239	11076	4.0443829
10837	4.0349091	10897	4.0373069	10957	4.0396917	11017	4.0420633	11077	4.0444222
10838	4.0349491	10898	4.0373468	10958	4.0397313	11018	4.0421028	11078	4.0444614
10839	4.0349892	10899	4.0373866	10959	4.0397709	11019	4.0421422	11079	4.0445006
10840	4.0350293	10900	4.0374265	10960	4.0398105	11020	4.0421816	11080	4.0445398
10841	4.0350693	10901	4.0374663	10961	4.0398502	11021	4.0422210	11081	4.0445790
10842	4.0351094	10902	4.0375062	10962	4.0398898	11022	4.0422604	11082	4.0446181
10843	4.0351495	10903	4.0375460	10963	4.0399294	11023	4.0422998	11083	4.0446573
10844	4.0351895	10904	4.0375858	10964	4.0399690	11024	4.0423392	11084	4.0446965
10845	4.0352296	10905	4.0376257	10965	4.0400086	11025	4.0423786	11085	4.0447357
10846	4.0352696	10906	4.0376655	10966	4.0400482	11026	4.0424180	11086	4.0447749
10847	4.0353096	10907	4.0377053	10967	4.0400878	11027	4.0424574	11087	4.0448140
10848	4.0353497	10908	4.0377451	10968	4.0401274	11028	4.0424978	11088	4.0448532
10849	4.0353897	10909	4.0377849	10969	4.0401670	11029	4.0425361	11089	4.0448924
10850	4.0354297	10910	4.0378247	10970	4.0402066	11030	4.0425755	11090	4.0449315
10851	4.0354698	10911	4.0378646	10971	4.0402462	11031	4.0426149	11091	4.0449707
10852	4.0355098	10912	4.0379044	10972	4.0402858	11032	4.0426542	11092	4.0450099
10853	4.0355498	10913	4.0379442	10973	4.0403254	11033	4.0426936	11093	4.0450490
10854	4.0355898	10914	4.0379839	10974	4.0403650	11034	4.0427330	11094	4.0450882
10855	4.0356298	10915	4.0380237	10975	4.0404045	11035	4.0427723	11095	4.0451273
10856	4.0356698	10916	4.0380635	10976	4.0404441	11036	4.0428117	11096	4.0451664
10857	4.0357098	10917	4.0381033	10977	4.0404837	11037	4.0428510	11097	4.0452056
10858	4.0357498	10918	4.0381431	10978	4.0405232	11038	4.0428904	11098	4.0452447
10859	4.0357898	10919	4.0381829	10979	4.0405628	11039	4.0429297	11099	4.0452838
10860	4.0358298	10920	4.0382228	10980	4.0406023	11040	4.0429691	11100	4.0453230

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
11101	4.0453621	11161	4.0477031	11221	4.0500316	11281	4.0523478	11341	4.0546513
11102	4.0454012	11162	4.0477420	11222	4.0500703	11282	4.0523861	11342	4.0546896
11103	4.0454403	11163	4.0477809	11223	4.0501090	11283	4.0524246	11343	4.0547279
11104	4.0454794	11164	4.0478198	11224	4.0501477	11284	4.0524631	11344	4.0547662
11105	4.0455186	11165	4.0478587	11225	4.0501863	11285	4.0525016	11345	4.0548045
11106	4.0455577	11166	4.0478976	11226	4.0502250	11286	4.0525400	11346	4.0548428
11107	4.0455968	11167	4.0479365	11227	4.0502637	11287	4.0525785	11347	4.0548811
11108	4.0456359	11168	4.0479754	11228	4.0503024	11288	4.0526170	11348	4.0549193
11109	4.0456750	11169	4.0480143	11229	4.0503411	11289	4.0526555	11349	4.0549576
11110	4.0457141	11170	4.0480532	11230	4.0503798	11290	4.0526939	11350	4.0549959
11111	4.0457531	11171	4.0480921	11231	4.0504184	11291	4.0527324	11351	4.0550341
11112	4.0457922	11172	4.0481309	11232	4.0504571	11292	4.0527709	11352	4.0550724
11113	4.0458313	11173	4.0481698	11233	4.0504958	11293	4.0528093	11353	4.0551106
11114	4.0458704	11174	4.0482087	11234	4.0505344	11294	4.0528478	11354	4.0551489
11115	4.0459095	11175	4.0482475	11235	4.0505731	11295	4.0528862	11355	4.0551871
11116	4.0459485	11176	4.0482864	11236	4.0506117	11296	4.0529247	11356	4.0552254
11117	4.0459876	11177	4.0483252	11237	4.0506504	11297	4.0529631	11357	4.0552636
11118	4.0460267	11178	4.0483641	11238	4.0506890	11298	4.0530016	11358	4.0553019
11119	4.0460657	11179	4.0484030	11239	4.0507277	11299	4.0530400	11359	4.0553401
11120	4.0461048	11180	4.0484418	11240	4.0507663	11300	4.0530784	11360	4.0553783
11121	4.0461438	11181	4.0484806	11241	4.0508049	11301	4.0531169	11361	4.0554166
11122	4.0461829	11182	4.0485195	11242	4.0508436	11302	4.0531553	11362	4.0554548
11123	4.0462219	11183	4.0485583	11243	4.0508822	11303	4.0531937	11363	4.0554930
11124	4.0462610	11184	4.0485972	11244	4.0509208	11304	4.0532321	11364	4.0555312
11125	4.0463000	11185	4.0486360	11245	4.0509595	11305	4.0532706	11365	4.0555694
11126	4.0463391	11186	4.0486748	11246	4.0509981	11306	4.0533090	11366	4.0556076
11127	4.0463781	11187	4.0487136	11247	4.0510367	11307	4.0533474	11367	4.0556459
11128	4.0464171	11188	4.0487525	11248	4.0510753	11308	4.0533858	11368	4.0556841
11129	4.0464561	11189	4.0487913	11249	4.0511139	11309	4.0534242	11369	4.0557223
11130	4.0464952	11190	4.0488301	11250	4.0511525	11310	4.0534626	11370	4.0557605
11131	4.0465342	11191	4.0488689	11251	4.0511911	11311	4.0535010	11371	4.0557987
11132	4.0465732	11192	4.0489077	11252	4.0512297	11312	4.0535394	11372	4.0558368
11133	4.0466122	11193	4.0489465	11253	4.0512683	11313	4.0535778	11373	4.0558750
11134	4.0466512	11194	4.0489853	11254	4.0513069	11314	4.0536162	11374	4.0559132
11135	4.0466902	11195	4.0490241	11255	4.0513455	11315	4.0536546	11375	4.0559514
11136	4.0467292	11196	4.0490629	11256	4.0513841	11316	4.0536929	11376	4.0559896
11137	4.0467682	11197	4.0491017	11257	4.0514227	11317	4.0537313	11377	4.0560278
11138	4.0468072	11198	4.0491405	11258	4.0514612	11318	4.0537697	11378	4.0560659
11139	4.0468462	11199	4.0491792	11259	4.0514998	11319	4.0538081	11379	4.0561041
11140	4.0468852	11200	4.0492180	11260	4.0515384	11320	4.0538464	11380	4.0561423
11141	4.0469242	11201	4.0492568	11261	4.0515770	11321	4.0538848	11381	4.0561804
11142	4.0469631	11202	4.0492956	11262	4.0516155	11322	4.0539231	11382	4.0562185
11143	4.0470021	11203	4.0493343	11263	4.0516541	11323	4.0539615	11383	4.0562567
11144	4.0470411	11204	4.0493731	11264	4.0516926	11324	4.0539999	11384	4.0562949
11145	4.0470801	11205	4.0494119	11265	4.0517312	11325	4.0540382	11385	4.0563330
11146	4.0471190	11206	4.0494506	11266	4.0517697	11326	4.0540766	11386	4.0563712
11147	4.0471580	11207	4.0494894	11267	4.0518083	11327	4.0541149	11387	4.0564093
11148	4.0471970	11208	4.0495281	11268	4.0518468	11328	4.0541532	11388	4.0564475
11149	4.0472359	11209	4.0495669	11269	4.0518854	11329	4.0541916	11389	4.0564856
11150	4.0472749	11210	4.0496056	11270	4.0519239	11330	4.0542299	11390	4.0565237
11151	4.0473138	11211	4.0496443	11271	4.0519624	11331	4.0542682	11391	4.0565618
11152	4.0473528	11212	4.0496831	11272	4.0520010	11332	4.0543066	11392	4.0566000
11153	4.0473917	11213	4.0497218	11273	4.0520395	11333	4.0543449	11393	4.0566381
11154	4.0474306	11214	4.0497605	11274	4.0520780	11334	4.0543832	11394	4.0566762
11155	4.0474696	11215	4.0497993	11275	4.0521166	11335	4.0544215	11395	4.0567143
11156	4.0475085	11216	4.0498380	11276	4.0521551	11336	4.0544598	11396	4.0567524
11157	4.0475474	11217	4.0498767	11277	4.0521936	11337	4.0544981	11397	4.0567905
11158	4.0475864	11218	4.0499154	11278	4.0522321	11338	4.0545365	11398	4.0568286
11159	4.0476253	11219	4.0499541	11279	4.0522706	11339	4.0545748	11399	4.0568667
11160	4.0476642	11220	4.0499929	11280	4.0523091	11340	4.0546131	11400	4.0569048

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
11401	4.0569429	11461	4.0592225	11521	4.0614902	11581	4.0637461	11641	4.0659903
11402	4.0569810	11462	4.0592604	11522	4.0615279	11582	4.0637836	11642	4.0660276
11403	4.0570191	11463	4.0592983	11523	4.0615656	11583	4.0638211	11643	4.0660649
11404	4.0570572	11464	4.0593362	11524	4.0616032	11584	4.0638585	11644	4.0661022
11405	4.0570953	11465	4.0593741	11525	4.0616409	11585	4.0638960	11645	4.0661395
11406	4.0571334	11466	4.0594119	11526	4.0616786	11586	4.0639335	11646	4.0661768
11407	4.0571714	11467	4.0594498	11527	4.0617163	11587	4.0639710	11647	4.0662141
11408	4.0572095	11468	4.0594877	11528	4.0617540	11588	4.0640085	11648	4.0662514
11409	4.0572476	11469	4.0595255	11529	4.0617916	11589	4.0640460	11649	4.0662886
11410	4.0572856	11470	4.0595634	11530	4.0618293	11590	4.0640834	11650	4.0663259
11411	4.0573237	11471	4.0596013	11531	4.0618670	11591	4.0641209	11651	4.0663632
11412	4.0573618	11472	4.0596391	11532	4.0619046	11592	4.0641584	11652	4.0664005
11413	4.0573998	11473	4.0596769	11533	4.0619423	11593	4.0641958	11653	4.0664377
11414	4.0574379	11474	4.0597148	11534	4.0619799	11594	4.0642333	11654	4.0664750
11415	4.0574759	11475	4.0597527	11535	4.0620176	11595	4.0642707	11655	4.0665123
11416	4.0575140	11476	4.0597905	11536	4.0620552	11596	4.0643082	11656	4.0665495
11417	4.0575520	11477	4.0598284	11537	4.0620929	11597	4.0643457	11657	4.0665868
11418	4.0575900	11478	4.0598662	11538	4.0621305	11598	4.0643831	11658	4.0666240
11419	4.0576281	11479	4.0599041	11539	4.0621682	11599	4.0644205	11659	4.0666613
11420	4.0576661	11480	4.0599419	11540	4.0622058	11600	4.0644580	11660	4.0666985
11421	4.0577041	11481	4.0599797	11541	4.0622434	11601	4.0644954	11661	4.0667358
11422	4.0577421	11482	4.0600175	11542	4.0622811	11602	4.0645329	11662	4.0667730
11423	4.0577801	11483	4.0600554	11543	4.0623187	11603	4.0645703	11663	4.0668103
11424	4.0578182	11484	4.0600932	11544	4.0623563	11604	4.0646077	11664	4.0668475
11425	4.0578562	11485	4.0601310	11545	4.0623939	11605	4.0646451	11665	4.0668847
11426	4.0578942	11486	4.0601688	11546	4.0624315	11606	4.0646826	11666	4.0669220
11427	4.0579322	11487	4.0602066	11547	4.0624692	11607	4.0647200	11667	4.0669592
11428	4.0579702	11488	4.0602444	11548	4.0625068	11608	4.0647574	11668	4.0669964
11429	4.0580082	11489	4.0602822	11549	4.0625444	11609	4.0647948	11669	4.0670336
11430	4.0580462	11490	4.0603200	11550	4.0625820	11610	4.0648322	11670	4.0670709
11431	4.0580842	11491	4.0603578	11551	4.0626196	11611	4.0648696	11671	4.0671081
11432	4.0581222	11492	4.0603956	11552	4.0626572	11612	4.0649070	11672	4.0671453
11433	4.0581602	11493	4.0604334	11553	4.0626948	11613	4.0649444	11673	4.0671825
11434	4.0581982	11494	4.0604712	11554	4.0627324	11614	4.0649818	11674	4.0672197
11435	4.0582362	11495	4.0605090	11555	4.0627699	11615	4.0650192	11675	4.0672569
11436	4.0582741	11496	4.0605468	11556	4.0628075	11616	4.0650566	11676	4.0672941
11437	4.0583121	11497	4.0605845	11557	4.0628451	11617	4.0650940	11677	4.0673313
11438	4.0583501	11498	4.0606223	11558	4.0628827	11618	4.0651314	11678	4.0673685
11439	4.0583881	11499	4.0606601	11559	4.0629203	11619	4.0651687	11679	4.0674057
11440	4.0584260	11500	4.0606978	11560	4.0629578	11620	4.0652061	11680	4.0674428
11441	4.0584640	11501	4.0607356	11561	4.0629954	11621	4.0652435	11681	4.0674800
11442	4.0585019	11502	4.0607734	11562	4.0630330	11622	4.0652809	11682	4.0675172
11443	4.0585399	11503	4.0608111	11563	4.0630705	11623	4.0653182	11683	4.0675544
11444	4.0585778	11504	4.0608489	11564	4.0631081	11624	4.0653556	11684	4.0675915
11445	4.0586158	11505	4.0608866	11565	4.0631456	11625	4.0653930	11685	4.0676287
11446	4.0586537	11506	4.0609244	11566	4.0631832	11626	4.0654303	11686	4.0676659
11447	4.0586917	11507	4.0609621	11567	4.0632207	11627	4.0654677	11687	4.0677030
11448	4.0587296	11508	4.0609998	11568	4.0632583	11628	4.0655050	11688	4.0677402
11449	4.0587676	11509	4.0610376	11569	4.0632958	11629	4.0655424	11689	4.0677774
11450	4.0588055	11510	4.0610753	11570	4.0633334	11630	4.0655797	11690	4.0678145
11451	4.0588434	11511	4.0611130	11571	4.0633709	11631	4.0656171	11691	4.0678517
11452	4.0588813	11512	4.0611507	11572	4.0634084	11632	4.0656543	11692	4.0678888
11453	4.0589193	11513	4.0611885	11573	4.0634460	11633	4.0656917	11693	4.0679259
11454	4.0589572	11514	4.0612262	11574	4.0634835	11634	4.0657291	11694	4.0679631
11455	4.0589951	11515	4.0612639	11575	4.0635210	11635	4.0657664	11695	4.0680002
11456	4.0590330	11516	4.0613017	11576	4.0635585	11636	4.0658037	11696	4.0680374
11457	4.0590709	11517	4.0613394	11577	4.0635960	11637	4.0658410	11697	4.0680745
11458	4.0591088	11518	4.0613771	11578	4.0636335	11638	4.0658783	11698	4.0681116
11459	4.0591467	11519	4.0614148	11579	4.0636710	11639	4.0659157	11699	4.0681487
11460	4.0591846	11520	4.0614525	11580	4.0637086	11640	4.0659530	11700	4.0681859

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
11701	4.0682230	11761	4.0704442	11821	4.0726542	11881	4.0748530	11941	4.0770407
11702	4.0682601	11762	4.0704812	11822	4.0726910	11882	4.0748895	11942	4.0770771
11703	4.0682972	11763	4.0705181	11823	4.0727277	11883	4.0749261	11943	4.0771134
11704	4.0683343	11764	4.0705550	11824	4.0727644	11884	4.0749626	11944	4.0771498
11705	4.0683714	11765	4.0705919	11825	4.0728011	11885	4.0749992	11945	4.0771861
11706	4.0684085	11766	4.0706288	11826	4.0728379	11886	4.0750357	11946	4.0772225
11707	4.0684456	11767	4.0706657	11827	4.0728746	11887	4.0750723	11947	4.0772589
11708	4.0684827	11768	4.0707027	11828	4.0729113	11888	4.0751088	11948	4.0772952
11709	4.0685198	11769	4.0707396	11829	4.0729480	11889	4.0751453	11949	4.0773316
11710	4.0685569	11770	4.0707765	11830	4.0729847	11890	4.0751819	11950	4.0773679
11711	4.0685940	11771	4.0708134	11831	4.0730215	11891	4.0752184	11951	4.0774042
11712	4.0686311	11772	4.0708502	11832	4.0730582	11892	4.0752549	11952	4.0774406
11713	4.0686681	11773	4.0708871	11833	4.0730949	11893	4.0752914	11953	4.0774769
11714	4.0687052	11774	4.0709240	11834	4.0731316	11894	4.0753279	11954	4.0775132
11715	4.0687423	11775	4.0709609	11835	4.0731683	11895	4.0753644	11955	4.0775496
11716	4.0687794	11776	4.0709978	11836	4.0732050	11896	4.0754010	11956	4.0775859
11717	4.0688164	11777	4.0710347	11837	4.0732416	11897	4.0754375	11957	4.0776222
11718	4.0688535	11778	4.0710715	11838	4.0732783	11898	4.0754740	11958	4.0776585
11719	4.0688905	11779	4.0711084	11839	4.0733150	11899	4.0755106	11959	4.0776949
11720	4.0689276	11780	4.0711453	11840	4.0733517	11900	4.0755470	11960	4.0777312
11721	4.0689647	11781	4.0711822	11841	4.0733884	11901	4.0755835	11961	4.0777675
11722	4.0690017	11782	4.0712190	11842	4.0734251	11902	4.0756200	11962	4.0778038
11723	4.0690388	11783	4.0712559	11843	4.0734617	11903	4.0756564	11963	4.0778401
11724	4.0690758	11784	4.0712927	11844	4.0734984	11904	4.0756929	11964	4.0778764
11725	4.0691128	11785	4.0713296	11845	4.0735351	11905	4.0757294	11965	4.0779127
11726	4.0691499	11786	4.0713664	11846	4.0735717	11906	4.0757659	11966	4.0779490
11727	4.0691869	11787	4.0714033	11847	4.0736084	11907	4.0758024	11967	4.0779853
11728	4.0692240	11788	4.0714401	11848	4.0736450	11908	4.0758388	11968	4.0780216
11729	4.0692610	11789	4.0714770	11849	4.0736817	11909	4.0758753	11969	4.0780579
11730	4.0692980	11790	4.0715138	11850	4.0737184	11910	4.0759118	11970	4.0780941
11731	4.0693350	11791	4.0715506	11851	4.0737550	11911	4.0759482	11971	4.0781304
11732	4.0693720	11792	4.0715875	11852	4.0737916	11912	4.0759847	11972	4.0781667
11733	4.0694091	11793	4.0716243	11853	4.0738283	11913	4.0760211	11973	4.0782030
11734	4.0694461	11794	4.0716611	11854	4.0738649	11914	4.0760575	11974	4.0782392
11735	4.0694831	11795	4.0716979	11855	4.0739016	11915	4.0760940	11975	4.0782755
11736	4.0695201	11796	4.0717348	11856	4.0739382	11916	4.0761304	11976	4.0783118
11737	4.0695571	11797	4.0717716	11857	4.0739748	11917	4.0761669	11977	4.0783480
11738	4.0695941	11798	4.0718084	11858	4.0740114	11918	4.0762034	11978	4.0783843
11739	4.0696311	11799	4.0718452	11859	4.0740481	11919	4.0762398	11979	4.0784206
11740	4.0696680	11800	4.0718820	11860	4.0740847	11920	4.0762763	11980	4.0784568
11741	4.0697051	11801	4.0719188	11861	4.0741213	11921	4.0763127	11981	4.0784931
11742	4.0697421	11802	4.0719556	11862	4.0741579	11922	4.0763491	11982	4.0785293
11743	4.0697791	11803	4.0719924	11863	4.0741945	11923	4.0763855	11983	4.0785656
11744	4.0698161	11804	4.0720292	11864	4.0742311	11924	4.0764220	11984	4.0786018
11745	4.0698531	11805	4.0720660	11865	4.0742677	11925	4.0764584	11985	4.0786380
11746	4.0698900	11806	4.0721028	11866	4.0743043	11926	4.0764948	11986	4.0786743
11747	4.0699270	11807	4.0721396	11867	4.0743409	11927	4.0765312	11987	4.0787105
11748	4.0699639	11808	4.0721763	11868	4.0743775	11928	4.0765676	11988	4.0787467
11749	4.0700009	11809	4.0722131	11869	4.0744141	11929	4.0766040	11989	4.0787830
11750	4.0700379	11810	4.0722499	11870	4.0744507	11930	4.0766404	11990	4.0788192
11751	4.0700748	11811	4.0722867	11871	4.0744873	11931	4.0766768	11991	4.0788554
11752	4.0701118	11812	4.0723234	11872	4.0745239	11932	4.0767132	11992	4.0788916
11753	4.0701487	11813	4.0723602	11873	4.0745605	11933	4.0767496	11993	4.0789278
11754	4.0701857	11814	4.0723970	11874	4.0745970	11934	4.0767860	11994	4.0789640
11755	4.0702226	11815	4.0724337	11875	4.0746336	11935	4.0768224	11995	4.0790002
11756	4.0702596	11816	4.0724705	11876	4.0746702	11936	4.0768588	11996	4.0790365
11757	4.0702965	11817	4.0725072	11877	4.0747068	11937	4.0768951	11997	4.0790727
11758	4.0703335	11818	4.0725440	11878	4.0747433	11938	4.0769316	11998	4.0791089
11759	4.0703704	11819	4.0725807	11879	4.0747799	11939	4.0769679	11999	4.0791450
11760	4.0704073	11820	4.0726174	11880	4.0748164	11940	4.0770043	12000	4.0791812

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
12001	4.0792174	12061	4.0813833	12121	4.0835384	12181	4.0856829	12241	4.0878169
12002	4.0792536	12062	4.0814193	12122	4.0835743	12182	4.0857186	12242	4.0878524
12003	4.0792898	12063	4.0814553	12123	4.0836101	12183	4.0857542	12243	4.0878878
12004	4.0793260	12064	4.0814913	12124	4.0836459	12184	4.0857899	12244	4.0879233
12005	4.0793622	12065	4.0815273	12125	4.0836817	12185	4.0858255	12245	4.0879588
12006	4.0793984	12066	4.0815633	12126	4.0837176	12186	4.0858612	12246	4.0879943
12007	4.0794345	12067	4.0815993	12127	4.0837534	12187	4.0858968	12247	4.0880297
12008	4.0794707	12068	4.0816353	12128	4.0837892	12188	4.0859324	12248	4.0880652
12009	4.0795068	12069	4.0816713	12129	4.0838250	12189	4.0859681	12249	4.0881006
12010	4.0795430	12070	4.0817073	12130	4.0838608	12190	4.0860037	12250	4.0881361
12011	4.0795792	12071	4.0817432	12131	4.0838966	12191	4.0860393	12251	4.0881715
12012	4.0796153	12072	4.0817792	12132	4.0839324	12192	4.0860750	12252	4.0882070
12013	4.0796515	12073	4.0818152	12133	4.0839682	12193	4.0861106	12253	4.0882424
12014	4.0796876	12074	4.0818512	12134	4.0840040	12194	4.0861462	12254	4.0882779
12015	4.0797238	12075	4.0818872	12135	4.0840398	12195	4.0861818	12255	4.0883133
12016	4.0797599	12076	4.0819231	12136	4.0840756	12196	4.0862174	12256	4.0883487
12017	4.0797961	12077	4.0819591	12137	4.0841114	12197	4.0862530	12257	4.0883842
12018	4.0798322	12078	4.0819950	12138	4.0841471	12198	4.0862886	12258	4.0884196
12019	4.0798683	12079	4.0820310	12139	4.0841829	12199	4.0863242	12259	4.0884550
12020	4.0799045	12080	4.0820669	12140	4.0842187	12200	4.0863598	12260	4.0884905
12021	4.0799406	12081	4.0821029	12141	4.0842545	12201	4.0863954	12261	4.0885259
12022	4.0799767	12082	4.0821388	12142	4.0842902	12202	4.0864310	12262	4.0885613
12023	4.0800128	12083	4.0821748	12143	4.0843260	12203	4.0864666	12263	4.0885967
12024	4.0800490	12084	4.0822107	12144	4.0843618	12204	4.0865022	12264	4.0886321
12025	4.0800851	12085	4.0822467	12145	4.0843975	12205	4.0865378	12265	4.0886675
12026	4.0801212	12086	4.0822826	12146	4.0844333	12206	4.0865734	12266	4.0887030
12027	4.0801573	12087	4.0823185	12147	4.0844690	12207	4.0866089	12267	4.0887384
12028	4.0801934	12088	4.0823544	12148	4.0845048	12208	4.0866445	12268	4.0887738
12029	4.0802295	12089	4.0823904	12149	4.0845405	12209	4.0866801	12269	4.0888092
12030	4.0802656	12090	4.0824263	12150	4.0845763	12210	4.0867157	12270	4.0888446
12031	4.0803017	12091	4.0824622	12151	4.0846120	12211	4.0867512	12271	4.0888800
12032	4.0803378	12092	4.0824981	12152	4.0846478	12212	4.0867868	12272	4.0889154
12033	4.0803739	12093	4.0825341	12153	4.0846835	12213	4.0868224	12273	4.0889507
12034	4.0804100	12094	4.0825700	12154	4.0847192	12214	4.0868579	12274	4.0889861
12035	4.0804461	12095	4.0826059	12155	4.0847550	12215	4.0868935	12275	4.0890215
12036	4.0804822	12096	4.0826418	12156	4.0847907	12216	4.0869290	12276	4.0890569
12037	4.0805183	12097	4.0826777	12157	4.0848264	12217	4.0869646	12277	4.0890923
12038	4.0805543	12098	4.0827136	12158	4.0848621	12218	4.0870001	12278	4.0891276
12039	4.0805904	12099	4.0827495	12159	4.0848979	12219	4.0870357	12279	4.0891630
12040	4.0806265	12100	4.0827854	12160	4.0849336	12220	4.0870712	12280	4.0891984
12041	4.0806626	12101	4.0828213	12161	4.0849693	12221	4.0871067	12281	4.0892337
12042	4.0806986	12102	4.0828571	12162	4.0850050	12222	4.0871423	12282	4.0892691
12043	4.0807347	12103	4.0828930	12163	4.0850407	12223	4.0871778	12283	4.0893044
12044	4.0807707	12104	4.0829289	12164	4.0850764	12224	4.0872133	12284	4.0893398
12045	4.0808068	12105	4.0829648	12165	4.0851121	12225	4.0872489	12285	4.0893752
12046	4.0808429	12106	4.0830007	12166	4.0851478	12226	4.0872844	12286	4.0894105
12047	4.0808789	12107	4.0830365	12167	4.0851835	12227	4.0873199	12287	4.0894459
12048	4.0809150	12108	4.0830724	12168	4.0852192	12228	4.0873554	12288	4.0894812
12049	4.0809510	12109	4.0831083	12169	4.0852549	12229	4.0873909	12289	4.0895165
12050	4.0809870	12110	4.0831441	12170	4.0852906	12230	4.0874265	12290	4.0895519
12051	4.0810231	12111	4.0831800	12171	4.0853263	12231	4.0874620	12291	4.0895872
12052	4.0810591	12112	4.0832159	12172	4.0853619	12232	4.0874975	12292	4.0896225
12053	4.0810952	12113	4.0832517	12173	4.0853976	12233	4.0875330	12293	4.0896579
12054	4.0811312	12114	4.0832876	12174	4.0854333	12234	4.0875685	12294	4.0896932
12055	4.0811672	12115	4.0833234	12175	4.0854690	12235	4.0876040	12295	4.0897285
12056	4.0812032	12116	4.0833593	12176	4.0855046	12236	4.0876395	12296	4.0897639
12057	4.0812393	12117	4.0833951	12177	4.0855403	12237	4.0876750	12297	4.0897992
12058	4.0812753	12118	4.0834309	12178	4.0855760	12238	4.0877104	12298	4.0898345
12059	4.0813113	12119	4.0834668	12179	4.0856116	12239	4.0877459	12299	4.0898698
12060	4.0813473	12120	4.0835026	12180	4.0856473	12240	4.0877814	12300	4.0899051

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
12301	4.0899404	12361	4.0920536	12421	4.0941566	12481	4.0962494	12541	4.0983321
12302	4.0899757	12362	4.0920887	12422	4.0941915	12482	4.0962842	12542	4.0983668
12303	4.0900110	12363	4.0921239	12423	4.0942265	12483	4.0963190	12543	4.0984014
12304	4.0900463	12364	4.0921590	12424	4.0942614	12484	4.0963538	12544	4.0984360
12305	4.0900816	12365	4.0921941	12425	4.0942964	12485	4.0963885	12545	4.0984707
12306	4.0901169	12366	4.0922292	12426	4.0943313	12486	4.0964233	12546	4.0985053
12307	4.0901522	12367	4.0922644	12427	4.0943663	12487	4.0964581	12547	4.0985399
12308	4.0901875	12368	4.0922995	12428	4.0944012	12488	4.0964929	12548	4.0985745
12309	4.0902228	12369	4.0923346	12429	4.0944362	12489	4.0965277	12549	4.0986091
12310	4.0902580	12370	4.0923697	12430	4.0944711	12490	4.0965624	12550	4.0986437
12311	4.0902933	12371	4.0924048	12431	4.0945061	12491	4.0965972	12551	4.0986783
12312	4.0903286	12372	4.0924400	12432	4.0945410	12492	4.0966320	12552	4.0987129
12313	4.0903639	12373	4.0924750	12433	4.0945759	12493	4.0966667	12553	4.0987475
12314	4.0903991	12374	4.0925101	12434	4.0946109	12494	4.0967015	12554	4.0987821
12315	4.0904344	12375	4.0925452	12435	4.0946458	12495	4.0967363	12555	4.0988167
12316	4.0904697	12376	4.0925803	12436	4.0946807	12496	4.0967710	12556	4.0988513
12317	4.0905049	12377	4.0926154	12437	4.0947156	12497	4.0968058	12557	4.0988859
12318	4.0905402	12378	4.0926505	12438	4.0947505	12498	4.0968405	12558	4.0989205
12319	4.0905755	12379	4.0926856	12439	4.0947855	12499	4.0968753	12559	4.0989551
12320	4.0906107	12380	4.0927206	12440	4.0948204	12500	4.0969100	12560	4.0989896
12321	4.0906460	12381	4.0927557	12441	4.0948553	12501	4.0969448	12561	4.0990242
12322	4.0906812	12382	4.0927908	12442	4.0948902	12502	4.0969795	12562	4.0990588
12323	4.0907164	12383	4.0928258	12443	4.0949251	12503	4.0970142	12563	4.0990934
12324	4.0907517	12384	4.0928609	12444	4.0949600	12504	4.0970490	12564	4.0991279
12325	4.0907869	12385	4.0928960	12445	4.0949949	12505	4.0970837	12565	4.0991625
12326	4.0908222	12386	4.0929311	12446	4.0950298	12506	4.0971184	12566	4.0991970
12327	4.0908574	12387	4.0929661	12447	4.0950647	12507	4.0971531	12567	4.0992316
12328	4.0908926	12388	4.0930012	12448	4.0950996	12508	4.0971879	12568	4.0992662
12329	4.0909279	12389	4.0930362	12449	4.0951345	12509	4.0972226	12569	4.0993007
12330	4.0909631	12390	4.0930713	12450	4.0951693	12510	4.0972573	12570	4.0993353
12331	4.0909983	12391	4.0931064	12451	4.0952042	12511	4.0972920	12571	4.0993698
12332	4.0910335	12392	4.0931414	12452	4.0952391	12512	4.0973267	12572	4.0994044
12333	4.0910687	12393	4.0931764	12453	4.0952740	12513	4.0973614	12573	4.0994389
12334	4.0911039	12394	4.0932115	12454	4.0953089	12514	4.0973961	12574	4.0994735
12335	4.0911392	12395	4.0932465	12455	4.0953437	12515	4.0974309	12575	4.0995080
12336	4.0911744	12396	4.0932816	12456	4.0953786	12516	4.0974656	12576	4.0995425
12337	4.0912096	12397	4.0933166	12457	4.0954135	12517	4.0975002	12577	4.0995771
12338	4.0912448	12398	4.0933516	12458	4.0954483	12518	4.0975349	12578	4.0996116
12339	4.0912800	12399	4.0933867	12459	4.0954832	12519	4.0975696	12579	4.0996461
12340	4.0913152	12400	4.0934217	12460	4.0955180	12520	4.0976043	12580	4.0996806
12341	4.0913503	12401	4.0934567	12461	4.0955529	12521	4.0976390	12581	4.0997152
12342	4.0913855	12402	4.0934917	12462	4.0955877	12522	4.0976736	12582	4.0997497
12343	4.0914208	12403	4.0935267	12463	4.0956226	12523	4.0977084	12583	4.0997842
12344	4.0914559	12404	4.0935618	12464	4.0956574	12524	4.0977431	12584	4.0998187
12345	4.0914911	12405	4.0935968	12465	4.0956923	12525	4.0977777	12585	4.0998532
12346	4.0915263	12406	4.0936318	12466	4.0957271	12526	4.0978124	12586	4.0998877
12347	4.0915614	12407	4.0936668	12467	4.0957620	12527	4.0978471	12587	4.0999222
12348	4.0915966	12408	4.0937018	12468	4.0957968	12528	4.0978817	12588	4.0999567
12349	4.0916318	12409	4.0937368	12469	4.0958316	12529	4.0979164	12589	4.0999912
12350	4.0916670	12410	4.0937718	12470	4.0958665	12530	4.0979511	12590	4.1000257
12351	4.0917021	12411	4.0938068	12471	4.0959013	12531	4.0979857	12591	4.1000602
12352	4.0917373	12412	4.0938418	12472	4.0959361	12532	4.0980204	12592	4.1000947
12353	4.0917724	12413	4.0938768	12473	4.0959709	12533	4.0980550	12593	4.1001292
12354	4.0918076	12414	4.0939117	12474	4.0960057	12534	4.0980897	12594	4.1001637
12355	4.0918427	12415	4.0939467	12475	4.0960405	12535	4.0981243	12595	4.1001982
12356	4.0918779	12416	4.0939817	12476	4.0960754	12536	4.0981590	12596	4.1002326
12357	4.0919130	12417	4.0940167	12477	4.0961102	12537	4.0981936	12597	4.1002671
12358	4.0919482	12418	4.0940517	12478	4.0961450	12538	4.0982283	12598	4.1003016
12359	4.0919833	12419	4.0940866	12479	4.0961798	12539	4.0982629	12599	4.1003361
12360	4.0920185	12420	4.0941216	12480	4.0962146	12540	4.0982975	12600	4.1003705

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
12601	4.1004050	12661	4.1024680	12721	4.1045212	12781	4.1065648	12841	4.1085988
12602	4.1004395	12662	4.1025023	12722	4.1045554	12782	4.1065988	12842	4.1086327
12603	4.1004739	12663	4.1025366	12723	4.1045895	12783	4.1066328	12843	4.1086665
12604	4.1005084	12664	4.1025709	12724	4.1046237	12784	4.1066668	12844	4.1087003
12605	4.1005429	12665	4.1026052	12725	4.1046578	12785	4.1067007	12845	4.1087341
12606	4.1005773	12666	4.1026395	12726	4.1046919	12786	4.1067347	12846	4.1087679
12607	4.1006118	12667	4.1026738	12727	4.1047260	12787	4.1067687	12847	4.1088017
12608	4.1006462	12668	4.1027081	12728	4.1047602	12788	4.1068026	12848	4.1088355
12609	4.1006806	12669	4.1027423	12729	4.1047943	12789	4.1068366	12849	4.1088693
12610	4.1007151	12670	4.1027766	12730	4.1048284	12790	4.1068705	12850	4.1089031
12611	4.1007495	12671	4.1028109	12731	4.1048625	12791	4.1069045	12851	4.1089369
12612	4.1007840	12672	4.1028452	12732	4.1048966	12792	4.1069385	12852	4.1089707
12613	4.1008184	12673	4.1028794	12733	4.1049307	12793	4.1069724	12853	4.1090045
12614	4.1008528	12674	4.1029137	12734	4.1049648	12794	4.1070063	12854	4.1090383
12615	4.1008873	12675	4.1029480	12735	4.1049989	12795	4.1070403	12855	4.1090721
12616	4.1009217	12676	4.1029822	12736	4.1050330	12796	4.1070742	12856	4.1091059
12617	4.1009561	12677	4.1030165	12737	4.1050671	12797	4.1071082	12857	4.1091396
12618	4.1009905	12678	4.1030507	12738	4.1051012	12798	4.1071421	12858	4.1091734
12619	4.1010249	12679	4.1030850	12739	4.1051353	12799	4.1071760	12859	4.1092072
12620	4.1010594	12680	4.1031193	12740	4.1051694	12800	4.1072100	12860	4.1092410
12621	4.1010938	12681	4.1031535	12741	4.1052035	12801	4.1072439	12861	4.1092747
12622	4.1011282	12682	4.1031877	12742	4.1052376	12802	4.1072778	12862	4.1093085
12623	4.1011626	12683	4.1032220	12743	4.1052717	12803	4.1073117	12863	4.1093423
12624	4.1011970	12684	4.1032562	12744	4.1053058	12804	4.1073457	12864	4.1093760
12625	4.1012314	12685	4.1032905	12745	4.1053398	12805	4.1073796	12865	4.1094098
12626	4.1012658	12686	4.1033247	12746	4.1053739	12806	4.1074135	12866	4.1094435
12627	4.1013002	12687	4.1033589	12747	4.1054080	12807	4.1074474	12867	4.1094773
12628	4.1013346	12688	4.1033932	12748	4.1054421	12808	4.1074813	12868	4.1095110
12629	4.1013690	12689	4.1034274	12749	4.1054761	12809	4.1075152	12869	4.1095448
12630	4.1014034	12690	4.1034616	12750	4.1055102	12810	4.1075491	12870	4.1095785
12631	4.1014377	12691	4.1034958	12751	4.1055442	12811	4.1075830	12871	4.1096123
12632	4.1014721	12692	4.1035301	12752	4.1055783	12812	4.1076169	12872	4.1096460
12633	4.1015065	12693	4.1035643	12753	4.1056124	12813	4.1076508	12873	4.1096798
12634	4.1015409	12694	4.1035985	12754	4.1056464	12814	4.1076847	12874	4.1097135
12635	4.1015752	12695	4.1036327	12755	4.1056805	12815	4.1077186	12875	4.1097472
12636	4.1016096	12696	4.1036669	12756	4.1057145	12816	4.1077525	12876	4.1097810
12637	4.1016440	12697	4.1037011	12757	4.1057486	12817	4.1077864	12877	4.1098147
12638	4.1016783	12698	4.1037353	12758	4.1057826	12818	4.1078203	12878	4.1098484
12639	4.1017127	12699	4.1037695	12759	4.1058166	12819	4.1078541	12879	4.1098821
12640	4.1017471	12700	4.1038037	12760	4.1058507	12820	4.1078880	12880	4.1099159
12641	4.1017814	12701	4.1038379	12761	4.1058847	12821	4.1079219	12881	4.1099496
12642	4.1018158	12702	4.1038721	12762	4.1059187	12822	4.1079558	12882	4.1099833
12643	4.1018501	12703	4.1039063	12763	4.1059528	12823	4.1079896	12883	4.1100170
12644	4.1018845	12704	4.1039405	12764	4.1059868	12824	4.1080235	12884	4.1100507
12645	4.1019188	12705	4.1039747	12765	4.1060208	12825	4.1080574	12885	4.1100844
12646	4.1019532	12706	4.1040088	12766	4.1060548	12826	4.1080912	12886	4.1101181
12647	4.1019875	12707	4.1040430	12767	4.1060889	12827	4.1081251	12887	4.1101518
12648	4.1020219	12708	4.1040772	12768	4.1061229	12828	4.1081589	12888	4.1101855
12649	4.1020562	12709	4.1041114	12769	4.1061569	12829	4.1081928	12889	4.1102192
12650	4.1020905	12710	4.1041455	12770	4.1061909	12830	4.1082267	12890	4.1102529
12651	4.1021249	12711	4.1041797	12771	4.1062249	12831	4.1082605	12891	4.1102866
12652	4.1021592	12712	4.1042139	12772	4.1062589	12832	4.1082943	12892	4.1103203
12653	4.1021935	12713	4.1042480	12773	4.1062929	12833	4.1083282	12893	4.1103540
12654	4.1022278	12714	4.1042822	12774	4.1063269	12834	4.1083620	12894	4.1103877
12655	4.1022621	12715	4.1043164	12775	4.1063609	12835	4.1083959	12895	4.1104213
12656	4.1022965	12716	4.1043505	12776	4.1063949	12836	4.1084297	12896	4.1104550
12657	4.1023308	12717	4.1043847	12777	4.1064289	12837	4.1084635	12897	4.1104887
12658	4.1023651	12718	4.1044188	12778	4.1064629	12838	4.1084974	12898	4.1105224
12659	4.1023994	12719	4.1044530	12779	4.1064969	12839	4.1085312	12899	4.1105560
12660	4.1024337	12720	4.1044871	12780	4.1065308	12840	4.1085650	12900	4.1105897

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
12901	4.1106234	12961	4.1126385	13021	4.1146443	13081	4.1166409	13141	4.1186284
12902	4.1106570	12962	4.1126720	13022	4.1146777	13082	4.1166741	13142	4.1186615
12903	4.1106907	12963	4.1127055	13023	4.1147110	13083	4.1167073	13143	4.1186945
12904	4.1107243	12964	4.1127390	13024	4.1147444	13084	4.1167405	13144	4.1187276
12905	4.1107580	12965	4.1127725	13025	4.1147777	13085	4.1167737	13145	4.1187606
12906	4.1107917	12966	4.1128060	13026	4.1148111	13086	4.1168069	13146	4.1187936
12907	4.1108253	12967	4.1128395	13027	4.1148444	13087	4.1168401	13147	4.1188267
12908	4.1108590	12968	4.1128730	13028	4.1148777	13088	4.1168733	13148	4.1188597
12909	4.1108926	12969	4.1129065	13029	4.1149111	13089	4.1169065	13149	4.1188927
12910	4.1109262	12970	4.1129400	13030	4.1149444	13090	4.1169396	13150	4.1189257
12911	4.1109599	12971	4.1129735	13031	4.1149777	13091	4.1169728	13151	4.1189588
12912	4.1109935	12972	4.1130069	13032	4.1150110	13092	4.1170060	13152	4.1189918
12913	4.1110271	12973	4.1130404	13033	4.1150444	13093	4.1170392	13153	4.1190248
12914	4.1110608	12974	4.1130739	13034	4.1150777	13094	4.1170723	13154	4.1190578
12915	4.1110944	12975	4.1131074	13035	4.1151110	13095	4.1171055	13155	4.1190908
12916	4.1111280	12976	4.1131408	13036	4.1151443	13096	4.1171387	13156	4.1191239
12917	4.1111617	12977	4.1131743	13037	4.1151777	13097	4.1171718	13157	4.1191569
12918	4.1111953	12978	4.1132078	13038	4.1152110	13098	4.1172050	13158	4.1191899
12919	4.1112289	12979	4.1132412	13039	4.1152443	13099	4.1172381	13159	4.1192229
12920	4.1112625	12980	4.1132747	13040	4.1152776	13100	4.1172713	13160	4.1192559
12921	4.1112961	12981	4.1133081	13041	4.1153109	13101	4.1173045	13161	4.1192889
12922	4.1113297	12982	4.1133416	13042	4.1153442	13102	4.1173376	13162	4.1193219
12923	4.1113633	12983	4.1133751	13043	4.1153775	13103	4.1173707	13163	4.1193549
12924	4.1113969	12984	4.1134085	13044	4.1154108	13104	4.1174039	13164	4.1193879
12925	4.1114305	12985	4.1134420	13045	4.1154441	13105	4.1174370	13165	4.1194209
12926	4.1114641	12986	4.1134754	13046	4.1154774	13106	4.1174702	13166	4.1194538
12927	4.1114977	12987	4.1135088	13047	4.1155107	13107	4.1175033	13167	4.1194868
12928	4.1115313	12988	4.1135423	13048	4.1155439	13108	4.1175364	13168	4.1195198
12929	4.1115649	12989	4.1135757	13049	4.1155772	13109	4.1175696	13169	4.1195528
12930	4.1115985	12990	4.1136091	13050	4.1156105	13110	4.1176027	13170	4.1195858
12931	4.1116321	12991	4.1136426	13051	4.1156438	13111	4.1176358	13171	4.1196187
12932	4.1116657	12992	4.1136760	13052	4.1156771	13112	4.1176689	13172	4.1196517
12933	4.1116993	12993	4.1137094	13053	4.1157103	13113	4.1177021	13173	4.1196847
12934	4.1117329	12994	4.1137429	13054	4.1157436	13114	4.1177352	13174	4.1197177
12935	4.1117664	12995	4.1137763	13055	4.1157769	13115	4.1177683	13175	4.1197506
12936	4.1118000	12996	4.1138097	13056	4.1158101	13116	4.1178014	13176	4.1197836
12937	4.1118336	12997	4.1138431	13057	4.1158434	13117	4.1178345	13177	4.1198165
12938	4.1118671	12998	4.1138765	13058	4.1158767	13118	4.1178676	13178	4.1198495
12939	4.1119007	12999	4.1139099	13059	4.1159099	13119	4.1179007	13179	4.1198825
12940	4.1119378	13000	4.1139433	13060	4.1159432	13120	4.1179338	13180	4.1199154
12941	4.1119678	13001	4.1139767	13061	4.1159764	13121	4.1179669	13181	4.1199484
12942	4.1120014	13002	4.1140102	13062	4.1160097	13122	4.1180000	13182	4.1199813
12943	4.1120350	13003	4.1140436	13063	4.1160429	13123	4.1180331	13183	4.1200142
12944	4.1120685	13004	4.1140770	13064	4.1160762	13124	4.1180662	13184	4.1200472
12945	4.1121021	13005	4.1141104	13065	4.1161094	13125	4.1180993	13185	4.1200801
12946	4.1121356	13006	4.1141437	13066	4.1161426	13126	4.1181324	13186	4.1201131
12947	4.1121691	13007	4.1141771	13067	4.1161759	13127	4.1181655	13187	4.1201460
12948	4.1122027	13008	4.1142105	13068	4.1162091	13128	4.1181986	13188	4.1201789
12949	4.1122362	13009	4.1142439	13069	4.1162424	13129	4.1182316	13189	4.1202119
12950	4.1122698	13010	4.1142773	13070	4.1162756	13130	4.1182647	13190	4.1202448
12951	4.1123033	13011	4.1143107	13071	4.1163088	13131	4.1182978	13191	4.1202777
12952	4.1123368	13012	4.1143441	13072	4.1163420	13132	4.1183309	13192	4.1203106
12953	4.1123704	13013	4.1143774	13073	4.1163753	13133	4.1183639	13193	4.1203436
12954	4.1124039	13014	4.1144108	13074	4.1164085	13134	4.1183970	13194	4.1203765
12955	4.1124374	13015	4.1144442	13075	4.1164417	13135	4.1184301	13195	4.1204094
12956	4.1124709	13016	4.1144775	13076	4.1164749	13136	4.1184631	13196	4.1204423
12957	4.1125045	13017	4.1145109	13077	4.1165081	13137	4.1184962	13197	4.1204752
12958	4.1125380	13018	4.1145443	13078	4.1165413	13138	4.1185293	13198	4.1205081
12959	4.1125715	13019	4.1145776	13079	4.1165745	13139	4.1185623	13199	4.1205410
12960	4.1126050	13020	4.1146110	13080	4.1166077	13140	4.1185954	13200	4.1205739

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
13201	4.1206068	13261	4.1225763	13321	4.1245368	13381	4.1264886	13441	4.1284316
13202	4.1206397	13262	4.1226090	13322	4.1245694	13382	4.1265210	13442	4.1284639
13203	4.1206726	13263	4.1226418	13323	4.1246020	13383	4.1265535	13443	4.1284962
13204	4.1207055	13264	4.1226745	13324	4.1246346	13384	4.1265859	13444	4.1285285
13205	4.1207384	13265	4.1227073	13325	4.1246672	13385	4.1266184	13445	4.1285608
13206	4.1207713	13266	4.1227400	13326	4.1246998	13386	4.1266508	13446	4.1285931
13207	4.1208042	13267	4.1227727	13327	4.1247324	13387	4.1266833	13447	4.1286254
13208	4.1208371	13268	4.1228055	13328	4.1247650	13388	4.1267157	13448	4.1286577
13209	4.1208699	13269	4.1228382	13329	4.1247976	13389	4.1267481	13449	4.1286900
13210	4.1209028	13270	4.1228709	13330	4.1248301	13390	4.1267806	13450	4.1287223
13211	4.1209357	13271	4.1229036	13331	4.1248627	13391	4.1268103	13451	4.1287546
13212	4.1209686	13272	4.1229364	13332	4.1248953	13392	4.1268454	13452	4.1287869
13213	4.1210014	13273	4.1229691	13333	4.1249279	13393	4.1268779	13453	4.1288191
13214	4.1210343	13274	4.1230018	13334	4.1249605	13394	4.1269103	13454	4.1288514
13215	4.1210672	13275	4.1230345	13335	4.1249930	13395	4.1269427	13455	4.1288837
13216	4.1211000	13276	4.1230672	13336	4.1250256	13396	4.1269751	13456	4.1289160
13217	4.1211329	13277	4.1231000	13337	4.1250581	13397	4.1270076	13457	4.1289482
13218	4.1211657	13278	4.1231327	13338	4.1250907	13398	4.1270400	13458	4.1289805
13219	4.1211986	13279	4.1231654	13339	4.1251233	13399	4.1270724	13459	4.1290128
13220	4.1212315	13280	4.1231981	13340	4.1251559	13400	4.1271048	13460	4.1290451
13221	4.1212643	13281	4.1232308	13341	4.1251884	13401	4.1271372	13461	4.1290773
13222	4.1212971	13282	4.1232635	13342	4.1252209	13402	4.1271696	13462	4.1291096
13223	4.1213300	13283	4.1232962	13343	4.1252535	13403	4.1272020	13463	4.1291418
13224	4.1213628	13284	4.1233289	13344	4.1252860	13404	4.1272344	13464	4.1291741
13225	4.1213957	13285	4.1233616	13345	4.1253186	13405	4.1272668	13465	4.1292064
13226	4.1214285	13286	4.1233942	13346	4.1253511	13406	4.1272992	13466	4.1292386
13227	4.1214613	13287	4.1234269	13347	4.1253837	13407	4.1273316	13467	4.1292709
13228	4.1214942	13288	4.1234596	13348	4.1254162	13408	4.1273640	13468	4.1293031
13229	4.1215270	13289	4.1234923	13349	4.1254487	13409	4.1273964	13469	4.1293353
13230	4.1215598	13290	4.1235250	13350	4.1254813	13410	4.1274288	13470	4.1293676
13231	4.1215927	13291	4.1235577	13351	4.1255138	13411	4.1274612	13471	4.1293998
13232	4.1216255	13292	4.1235903	13352	4.1255463	13412	4.1274935	13472	4.1294321
13233	4.1216583	13293	4.1236230	13353	4.1255788	13413	4.1275259	13473	4.1294643
13234	4.1216911	13294	4.1236557	13354	4.1256114	13414	4.1275583	13474	4.1294965
13235	4.1217239	13295	4.1236883	13355	4.1256439	13415	4.1275907	13475	4.1295288
13236	4.1217568	13296	4.1237210	13356	4.1256764	13416	4.1276230	13476	4.1295610
13237	4.1217896	13297	4.1237536	13357	4.1257089	13417	4.1276554	13477	4.1295932
13238	4.1218224	13298	4.1237863	13358	4.1257414	13418	4.1276878	13478	4.1296254
13239	4.1218552	13299	4.1238190	13359	4.1257739	13419	4.1277201	13479	4.1296577
13240	4.1218880	13300	4.1238516	13360	4.1258065	13420	4.1277525	13480	4.1296899
13241	4.1219208	13301	4.1238843	13361	4.1258390	13421	4.1277849	13481	4.1297221
13242	4.1219536	13302	4.1239169	13362	4.1258715	13422	4.1278172	13482	4.1297543
13243	4.1219864	13303	4.1239496	13363	4.1259040	13423	4.1278496	13483	4.1297865
13244	4.1220192	13304	4.1239822	13364	4.1259365	13424	4.1278819	13484	4.1298187
13245	4.1220520	13305	4.1240149	13365	4.1259690	13425	4.1279143	13485	4.1298509
13246	4.1220847	13306	4.1240475	13366	4.1260015	13426	4.1279466	13486	4.1298832
13247	4.1221175	13307	4.1240802	13367	4.1260339	13427	4.1279790	13487	4.1299154
13248	4.1221503	13308	4.1241128	13368	4.1260664	13428	4.1280113	13488	4.1299476
13249	4.1221831	13309	4.1241454	13369	4.1260989	13429	4.1280437	13489	4.1299798
13250	4.1222159	13310	4.1241781	13370	4.1261314	13430	4.1280760	13490	4.1300119
13251	4.1222487	13311	4.1242107	13371	4.1261639	13431	4.1281083	13491	4.1300441
13252	4.1222814	13312	4.1242433	13372	4.1261964	13432	4.1281407	13492	4.1300763
13253	4.1223142	13313	4.1242759	13373	4.1262288	13433	4.1281730	13493	4.1301085
13254	4.1223470	13314	4.1243085	13374	4.1262613	13434	4.1282053	13494	4.1301407
13255	4.1223797	13315	4.1243412	13375	4.1262938	13435	4.1282377	13495	4.1301729
13256	4.1224125	13316	4.1243738	13376	4.1263263	13436	4.1282700	13496	4.1302051
13257	4.1224453	13317	4.1244064	13377	4.1263587	13437	4.1283023	13497	4.1302372
13258	4.1224780	13318	4.1244390	13378	4.1263912	13438	4.1283346	13498	4.1302694
13259	4.1225108	13319	4.1244716	13379	4.1264237	13439	4.1283669	13499	4.1303016
13260	4.1225435	13320	4.1245042	13380	4.1264561	13440	4.1283993	13500	4.1303338

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
13501	4.1303659	13561	4.1322917	13621	4.1342090	13681	4.1361178	13741	4.1380183
13502	4.1303981	13562	4.1323237	13622	4.1342409	13682	4.1361496	13742	4.1380499
13503	4.1304303	13563	4.1323558	13623	4.1342728	13683	4.1361813	13743	4.1380815
13504	4.1304624	13564	4.1323878	13624	4.1343046	13684	4.1362131	13744	4.1381131
13505	4.1304946	13565	4.1324198	13625	4.1343365	13685	4.1362448	13745	4.1381447
13506	4.1305267	13566	4.1324518	13626	4.1343684	13686	4.1362765	13746	4.1381763
13507	4.1305589	13567	4.1324838	13627	4.1344003	13687	4.1363083	13747	4.1382079
13508	4.1305910	13568	4.1325158	13628	4.1344321	13688	4.1363400	13748	4.1382395
13509	4.1306232	13569	4.1325478	13629	4.1344640	13689	4.1363717	13749	4.1382711
13510	4.1306553	13570	4.1325798	13630	4.1344959	13690	4.1364034	13750	4.1383027
13511	4.1306875	13571	4.1326118	13631	4.1345277	13691	4.1364352	13751	4.1383343
13512	4.1307196	13572	4.1326438	13632	4.1345596	13692	4.1364669	13752	4.1383659
13513	4.1307518	13573	4.1326758	13633	4.1345914	13693	4.1364986	13753	4.1383974
13514	4.1307839	13574	4.1327078	13634	4.1346233	13694	4.1365303	13754	4.1384290
13515	4.1308160	13575	4.1327398	13635	4.1346551	13695	4.1365620	13755	4.1384606
13516	4.1308482	13576	4.1327718	13636	4.1346870	13696	4.1365937	13756	4.1384922
13517	4.1308803	13577	4.1328038	13637	4.1347188	13697	4.1366255	13757	4.1385237
13518	4.1309124	13578	4.1328358	13638	4.1347507	13698	4.1366572	13758	4.1385553
13519	4.1309446	13579	4.1328678	13639	4.1347825	13699	4.1366889	13759	4.1385869
13520	4.1309767	13580	4.1328998	13640	4.1348144	13700	4.1367206	13760	4.1386184
13521	4.1310088	13581	4.1329317	13641	4.1348462	13701	4.1367523	13761	4.1386500
13522	4.1310409	13582	4.1329637	13642	4.1348780	13702	4.1367840	13762	4.1386815
13523	4.1310730	13583	4.1329957	13643	4.1349099	13703	4.1368157	13763	4.1387131
13524	4.1311052	13584	4.1330277	13644	4.1349417	13704	4.1368474	13764	4.1387446
13525	4.1311373	13585	4.1330596	13645	4.1349735	13705	4.1368790	13765	4.1387762
13526	4.1311694	13586	4.1330916	13646	4.1350054	13706	4.1369107	13766	4.1388078
13527	4.1312015	13587	4.1331236	13647	4.1350372	13707	4.1369424	13767	4.1388393
13528	4.1312336	13588	4.1331555	13648	4.1350690	13708	4.1369741	13768	4.1388709
13529	4.1312657	13589	4.1331875	13649	4.1351008	13709	4.1370058	13769	4.1389024
13530	4.1312978	13590	4.1332195	13650	4.1351327	13710	4.1370375	13770	4.1389339
13531	4.1313299	13591	4.1332514	13651	4.1351645	13711	4.1370691	13771	4.1389655
13532	4.1313620	13592	4.1332834	13652	4.1351963	13712	4.1371008	13772	4.1389970
13533	4.1313941	13593	4.1333153	13653	4.1352281	13713	4.1371325	13773	4.1390285
13534	4.1314262	13594	4.1333473	13654	4.1352599	13714	4.1371641	13774	4.1390601
13535	4.1314583	13595	4.1333792	13655	4.1352917	13715	4.1371958	13775	4.1390916
13536	4.1314903	13596	4.1334112	13656	4.1353235	13716	4.1372275	13776	4.1391231
13537	4.1315224	13597	4.1334431	13657	4.1353553	13717	4.1372591	13777	4.1391547
13538	4.1315545	13598	4.1334750	13658	4.1353871	13718	4.1372908	13778	4.1391862
13539	4.1315866	13599	4.1335070	13659	4.1354189	13719	4.1373225	13779	4.1392177
13540	4.1316187	13600	4.1335389	13660	4.1354507	13720	4.1373541	13780	4.1392492
13541	4.1316507	13601	4.1335708	13661	4.1354825	13721	4.1373858	13781	4.1392807
13542	4.1316828	13602	4.1336028	13662	4.1355143	13722	4.1374174	13782	4.1393122
13543	4.1317149	13603	4.1336347	13663	4.1355461	13723	4.1374491	13783	4.1393437
13544	4.1317469	13604	4.1336666	13664	4.1355778	13724	4.1374807	13784	4.1393753
13545	4.1317790	13605	4.1336985	13665	4.1356096	13725	4.1375124	13785	4.1394068
13546	4.1318111	13606	4.1337305	13666	4.1356414	13726	4.1375440	13786	4.1394383
13547	4.1318431	13607	4.1337624	13667	4.1356732	13727	4.1375756	13787	4.1394698
13548	4.1318752	13608	4.1337943	13668	4.1357050	13728	4.1376073	13788	4.1395013
13549	4.1319072	13609	4.1338262	13669	4.1357367	13729	4.1376389	13789	4.1395328
13550	4.1319393	13610	4.1338581	13670	4.1357685	13730	4.1376705	13790	4.1395643
13551	4.1319713	13611	4.1338900	13671	4.1358003	13731	4.1377022	13791	4.1395958
13552	4.1320034	13612	4.1339219	13672	4.1358321	13732	4.1377338	13792	4.1396272
13553	4.1320354	13613	4.1339538	13673	4.1358638	13733	4.1377654	13793	4.1396587
13554	4.1320675	13614	4.1339857	13674	4.1358956	13734	4.1377970	13794	4.1396902
13555	4.1320995	13615	4.1340176	13675	4.1359273	13735	4.1378287	13795	4.1397217
13556	4.1321316	13616	4.1340495	13676	4.1359591	13736	4.1378603	13796	4.1397532
13557	4.1321636	13617	4.1340814	13677	4.1359908	13737	4.1378919	13797	4.1397847
13558	4.1321956	13618	4.1341133	13678	4.1360226	13738	4.1379235	13798	4.1398161
13559	4.1322277	13619	4.1341452	13679	4.1360543	13739	4.1379551	13799	4.1398476
13560	4.1322597	13620	4.1341771	13680	4.1360861	13740	4.1379867	13800	4.1398791

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
13801	4.1399106	13861	4.1417946	13921	4.1436704	13981	4.1455382	14041	4.1473980
13802	4.1399420	13862	4.1418259	13922	4.1437016	13982	4.1455693	14042	4.1474290
13803	4.1399734	13863	4.1418572	13923	4.1437328	13983	4.1456004	14043	4.1474599
13804	4.1400049	13864	4.1418885	13924	4.1437640	13984	4.1456314	14044	4.1474908
13805	4.1400364	13865	4.1419199	13925	4.1437952	13985	4.1456625	14045	4.1475217
13806	4.1400679	13866	4.1419512	13926	4.1438264	13986	4.1456935	14046	4.1475527
13807	4.1400993	13867	4.1419825	13927	4.1438576	13987	4.1457246	14047	4.1475836
13808	4.1401308	13868	4.1420138	13928	4.1438888	13988	4.1457556	14048	4.1476145
13809	4.1401622	13869	4.1420451	13929	4.1439199	13989	4.1457867	14049	4.1476454
13810	4.1401937	13870	4.1420765	13930	4.1439511	13990	4.1458177	14050	4.1476763
13811	4.1402251	13871	4.1421078	13931	4.1439823	13991	4.1458488	14051	4.1477072
13812	4.1402566	13872	4.1421391	13932	4.1440135	13992	4.1458798	14052	4.1477381
13813	4.1402880	13873	4.1421704	13933	4.1440446	13993	4.1459108	14053	4.1477690
13814	4.1403194	13874	4.1422017	13934	4.1440758	13994	4.1459419	14054	4.1477999
13815	4.1403509	13875	4.1422330	13935	4.1441070	13995	4.1459729	14055	4.1478308
13816	4.1403823	13876	4.1422643	13936	4.1441381	13996	4.1460039	14056	4.1478617
13817	4.1404138	13877	4.1422956	13937	4.1441693	13997	4.1460350	14057	4.1478926
13818	4.1404452	13878	4.1423269	13938	4.1442005	13998	4.1460660	14058	4.1479235
13819	4.1404766	13879	4.1423582	13939	4.1442316	13999	4.1460970	14059	4.1479544
13820	4.1405080	13880	4.1423895	13940	4.1442628	14000	4.1461280	14060	4.1479853
13821	4.1405395	13881	4.1424208	13941	4.1442939	14001	4.1461591	14061	4.1480162
13822	4.1405709	13882	4.1424520	13942	4.1443251	14002	4.1461901	14062	4.1480471
13823	4.1406023	13883	4.1424833	13943	4.1443562	14003	4.1462211	14063	4.1480780
13824	4.1406337	13884	4.1425146	13944	4.1443874	14004	4.1462521	14064	4.1481089
13825	4.1406651	13885	4.1425459	13945	4.1444185	14005	4.1462831	14065	4.1481397
13826	4.1406965	13886	4.1425772	13946	4.1444497	14006	4.1463141	14066	4.1481706
13827	4.1407280	13887	4.1426084	13947	4.1444808	14007	4.1463451	14067	4.1482015
13828	4.1407594	13888	4.1426397	13948	4.1445119	14008	4.1463761	14068	4.1482324
13829	4.1407908	13889	4.1426710	13949	4.1445431	14009	4.1464071	14069	4.1482632
13830	4.1408222	13890	4.1427022	13950	4.1445742	14010	4.1464381	14070	4.1482941
13831	4.1408536	13891	4.1427335	13951	4.1446053	14011	4.1464691	14071	4.1483250
13832	4.1408850	13892	4.1427648	13952	4.1446365	14012	4.1465001	14072	4.1483558
13833	4.1409164	13893	4.1427960	13953	4.1446676	14013	4.1465311	14073	4.1483867
13834	4.1409478	13894	4.1428273	13954	4.1446987	14014	4.1465621	14074	4.1484175
13835	4.1409792	13895	4.1428586	13955	4.1447298	14015	4.1465931	14075	4.1484484
13836	4.1410106	13896	4.1428898	13956	4.1447610	14016	4.1466241	14076	4.1484793
13837	4.1410419	13897	4.1429211	13957	4.1447921	14017	4.1466550	14077	4.1485101
13838	4.1410733	13898	4.1429523	13958	4.1448232	14018	4.1466861	14078	4.1485410
13839	4.1411047	13899	4.1429836	13959	4.1448543	14019	4.1467170	14079	4.1485718
13840	4.1411361	13900	4.1430148	13960	4.1448854	14020	4.1467480	14080	4.1486027
13841	4.1411675	13901	4.1430460	13961	4.1449165	14021	4.1467790	14081	4.1486339
13842	4.1411988	13902	4.1430773	13962	4.1449476	14022	4.1468100	14082	4.1486643
13843	4.1412302	13903	4.1431085	13963	4.1449787	14023	4.1468409	14083	4.1486952
13844	4.1412616	13904	4.1431398	13964	4.1450098	14024	4.1468719	14084	4.1487260
13845	4.1412930	13905	4.1431710	13965	4.1450409	14025	4.1469029	14085	4.1487568
13846	4.1413243	13906	4.1432022	13966	4.1450720	14026	4.1469338	14086	4.1487877
13847	4.1413557	13907	4.1432334	13967	4.1451031	14027	4.1469648	14087	4.1488185
13848	4.1413871	13908	4.1432647	13968	4.1451342	14028	4.1469958	14088	4.1488493
13849	4.1414184	13909	4.1432959	13969	4.1451653	14029	4.1470267	14089	4.1488802
13850	4.1414498	13910	4.1433271	13970	4.1451964	14030	4.1470577	14090	4.1489110
13851	4.1414811	13911	4.1433584	13971	4.1452275	14031	4.1470886	14091	4.1489418
13852	4.1415125	13912	4.1433896	13972	4.1452586	14032	4.1471196	14092	4.1489726
13853	4.1415438	13913	4.1434208	13973	4.1452897	14033	4.1471505	14093	4.1490034
13854	4.1415752	13914	4.1434520	13974	4.1453207	14034	4.1471814	14094	4.1490342
13855	4.1416065	13915	4.1434832	13975	4.1453518	14035	4.1472124	14095	4.1490651
13856	4.1416378	13916	4.1435144	13976	4.1453829	14036	4.1472434	14096	4.1490959
13857	4.1416692	13917	4.1435456	13977	4.1454140	14037	4.1472743	14097	4.1491267
13858	4.1417006	13918	4.1435768	13978	4.1454450	14038	4.1473052	14098	4.1491575
13859	4.1417319	13919	4.1436080	13979	4.1454761	14039	4.1473362	14099	4.1491883
13860	4.1417632	13920	4.1436392	13980	4.1455072	14040	4.1473671	14100	4.1492191

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
14101	4.1492499	14161	4.1510939	14221	4.1529301	14281	4.1547586	14341	4.1565794
14102	4.1492807	14162	4.1511246	14222	4.1529607	14282	4.1547890	14342	4.1566097
14103	4.1493115	14163	4.1511553	14223	4.1529912	14283	4.1548194	14343	4.1566400
14104	4.1493423	14164	4.1511859	14224	4.1530217	14284	4.1548498	14344	4.1566703
14105	4.1493731	14165	4.1512166	14225	4.1530523	14285	4.1548802	14345	4.1567006
14106	4.1494039	14166	4.1512472	14226	4.1530828	14286	4.1549106	14346	4.1567308
14107	4.1494347	14167	4.1512779	14227	4.1531133	14287	4.1549410	14347	4.1567611
14108	4.1494654	14168	4.1513085	14228	4.1531439	14288	4.1549714	14348	4.1567914
14109	4.1494962	14169	4.1513392	14229	4.1531743	14289	4.1550018	14349	4.1568216
14110	4.1495270	14170	4.1513698	14230	4.1532049	14290	4.1550322	14350	4.1568519
14111	4.1495578	14171	4.1514005	14231	4.1532354	14291	4.1550626	14351	4.1568822
14112	4.1495886	14172	4.1514311	14232	4.1532659	14292	4.1550930	14352	4.1569124
14113	4.1496193	14173	4.1514618	14233	4.1532964	14293	4.1551234	14353	4.1569427
14114	4.1496501	14174	4.1514924	14234	4.1533270	14294	4.1551538	14354	4.1569729
14115	4.1496809	14175	4.1515231	14235	4.1533575	14295	4.1551842	14355	4.1570032
14116	4.1497116	14176	4.1515537	14236	4.1533880	14296	4.1552145	14356	4.1570334
14117	4.1497424	14177	4.1515843	14237	4.1534185	14297	4.1552449	14357	4.1570637
14118	4.1497732	14178	4.1516150	14238	4.1534490	14298	4.1552753	14358	4.1570939
14119	4.1498039	14179	4.1516456	14239	4.1534795	14299	4.1553057	14359	4.1571242
14120	4.1498347	14180	4.1516762	14240	4.1535100	14300	4.1553360	14360	4.1571544
14121	4.1498654	14181	4.1517069	14241	4.1535405	14301	4.1553664	14361	4.1571847
14122	4.1498962	14182	4.1517375	14242	4.1535710	14302	4.1553968	14362	4.1572149
14123	4.1499270	14183	4.1517681	14243	4.1536015	14303	4.1554271	14363	4.1572452
14124	4.1499577	14184	4.1517987	14244	4.1536320	14304	4.1554575	14364	4.1572754
14125	4.1499885	14185	4.1518293	14245	4.1536625	14305	4.1554879	14365	4.1573056
14126	4.1500192	14186	4.1518600	14246	4.1536929	14306	4.1555182	14366	4.1573359
14127	4.1500500	14187	4.1518906	14247	4.1537234	14307	4.1555486	14367	4.1573661
14128	4.1500807	14188	4.1519212	14248	4.1537539	14308	4.1555789	14368	4.1573963
14129	4.1501114	14189	4.1519518	14249	4.1537844	14309	4.1556093	14369	4.1574265
14130	4.1501422	14190	4.1519824	14250	4.1538149	14310	4.1556396	14370	4.1574568
14131	4.1501729	14191	4.1520130	14251	4.1538453	14311	4.1556700	14371	4.1574870
14132	4.1502036	14192	4.1520436	14252	4.1538758	14312	4.1557003	14372	4.1575172
14133	4.1502344	14193	4.1520742	14253	4.1539063	14313	4.1557306	14373	4.1575474
14134	4.1502651	14194	4.1521048	14254	4.1539368	14314	4.1557610	14374	4.1575776
14135	4.1502958	14195	4.1521354	14255	4.1539672	14315	4.1557913	14375	4.1576079
14136	4.1503265	14196	4.1521660	14256	4.1539978	14316	4.1558217	14376	4.1576381
14137	4.1503573	14197	4.1521966	14257	4.1540281	14317	4.1558520	14377	4.1576683
14138	4.1503880	14198	4.1522272	14258	4.1540586	14318	4.1558824	14378	4.1576985
14139	4.1504187	14199	4.1522578	14259	4.1540891	14319	4.1559127	14379	4.1577287
14140	4.1504494	14200	4.1522883	14260	4.1541195	14320	4.1559430	14380	4.1577589
14141	4.1504801	14201	4.1523189	14261	4.1541500	14321	4.1559733	14381	4.1577891
14142	4.1505108	14202	4.1523495	14262	4.1541804	14322	4.1560037	14382	4.1578193
14143	4.1505415	14203	4.1523801	14263	4.1542109	14323	4.1560340	14383	4.1578495
14144	4.1505723	14204	4.1524107	14264	4.1542413	14324	4.1560643	14384	4.1578797
14145	4.1506029	14205	4.1524412	14265	4.1542718	14325	4.1560946	14385	4.1579099
14146	4.1506336	14206	4.1524718	14266	4.1543022	14326	4.1561249	14386	4.1579401
14147	4.1506643	14207	4.1525024	14267	4.1543327	14327	4.1561553	14387	4.1579702
14148	4.1506950	14208	4.1525329	14268	4.1543631	14328	4.1561856	14388	4.1580004
14149	4.1507257	14209	4.1525635	14269	4.1543935	14329	4.1562159	14389	4.1580306
14150	4.1507564	14210	4.1525941	14270	4.1544240	14330	4.1562462	14390	4.1580608
14151	4.1507871	14211	4.1526246	14271	4.1544544	14331	4.1562765	14391	4.1580910
14152	4.1508178	14212	4.1526552	14272	4.1544848	14332	4.1563068	14392	4.1581211
14153	4.1508485	14213	4.1526858	14273	4.1545153	14333	4.1563371	14393	4.1581513
14154	4.1508792	14214	4.1527163	14274	4.1545457	14334	4.1563674	14394	4.1581815
14155	4.1509099	14215	4.1527469	14275	4.1545761	14335	4.1563977	14395	4.1582117
14156	4.1509405	14216	4.1527774	14276	4.1546065	14336	4.1564280	14396	4.1582418
14157	4.1509712	14217	4.1528080	14277	4.1546370	14337	4.1564583	14397	4.1582720
14158	4.1510019	14218	4.1528385	14278	4.1546674	14338	4.1564886	14398	4.1583022
14159	4.1510326	14219	4.1528690	14279	4.1546978	14339	4.1565189	14399	4.1583323
14160	4.1510633	14220	4.1528996	14280	4.1547282	14340	4.1565491	14400	4.1583625

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
14401	4.1583926	14461	4.1601983	14521	4.1619965	14581	4.1637873	14641	4.1655707
14402	4.1584228	14462	4.1602284	14522	4.1620264	14582	4.1638171	14642	4.1656004
14403	4.1584530	14463	4.1602584	14523	4.1620563	14583	4.1638469	14643	4.1656300
14404	4.1584831	14464	4.1602884	14524	4.1620862	14584	4.1638767	14644	4.1656597
14405	4.1585133	14465	4.1603184	14525	4.1621161	14585	4.1639064	14645	4.1656894
14406	4.1585434	14466	4.1603485	14526	4.1621460	14586	4.1639362	14646	4.1657190
14407	4.1585736	14467	4.1603785	14527	4.1621759	14587	4.1639660	14647	4.1657487
14408	4.1586037	14468	4.1604085	14528	4.1622058	14588	4.1639958	14648	4.1657783
14409	4.1586338	14469	4.1604385	14529	4.1622357	14589	4.1640255	14649	4.1658080
14410	4.1586640	14470	4.1604685	14530	4.1622656	14590	4.1640553	14650	4.1658376
14411	4.1586941	14471	4.1604985	14531	4.1622955	14591	4.1640851	14651	4.1658673
14412	4.1587243	14472	4.1605285	14532	4.1623254	14592	4.1641148	14652	4.1658969
14413	4.1587544	14473	4.1605586	14533	4.1623553	14593	4.1641446	14653	4.1659265
14414	4.1587845	14474	4.1605886	14534	4.1623852	14594	4.1641743	14654	4.1659562
14415	4.1588146	14475	4.1606186	14535	4.1624150	14595	4.1642041	14655	4.1659858
14416	4.1588448	14476	4.1606486	14536	4.1624449	14596	4.1642339	14656	4.1660155
14417	4.1588749	14477	4.1606786	14537	4.1624748	14597	4.1642636	14657	4.1660451
14418	4.1589050	14478	4.1607086	14538	4.1625047	14598	4.1642934	14658	4.1660747
14419	4.1589351	14479	4.1607386	14539	4.1625345	14599	4.1643231	14659	4.1661043
14420	4.1589653	14480	4.1607686	14540	4.1625644	14600	4.1643529	14660	4.1661340
14421	4.1589954	14481	4.1607986	14541	4.1625943	14601	4.1643826	14661	4.1661636
14422	4.1590255	14482	4.1608285	14542	4.1626241	14602	4.1644123	14662	4.1661932
14423	4.1590556	14483	4.1608585	14543	4.1626540	14603	4.1644421	14663	4.1662228
14424	4.1590857	14484	4.1608885	14544	4.1626839	14604	4.1644718	14664	4.1662524
14425	4.1591158	14485	4.1609185	14545	4.1627137	14605	4.1645016	14665	4.1662821
14426	4.1591459	14486	4.1609485	14546	4.1627436	14606	4.1645313	14666	4.1663117
14427	4.1591760	14487	4.1609785	14547	4.1627734	14607	4.1645610	14667	4.1663413
14428	4.1592061	14488	4.1610084	14548	4.1628033	14608	4.1645908	14668	4.1663709
14429	4.1592362	14489	4.1610384	14549	4.1628331	14609	4.1646205	14669	4.1664005
14430	4.1592663	14490	4.1610684	14550	4.1628630	14610	4.1646502	14670	4.1664301
14431	4.1592964	14491	4.1610984	14551	4.1628928	14611	4.1646799	14671	4.1664597
14432	4.1593265	14492	4.1611283	14552	4.1629227	14612	4.1647097	14672	4.1664893
14433	4.1593566	14493	4.1611583	14553	4.1629525	14613	4.1647394	14673	4.1665189
14434	4.1593867	14494	4.1611883	14554	4.1629824	14614	4.1647691	14674	4.1665485
14435	4.1594168	14495	4.1612182	14555	4.1630122	14615	4.1647988	14675	4.1665781
14436	4.1594469	14496	4.1612482	14556	4.1630420	14616	4.1648285	14676	4.1666077
14437	4.1594770	14497	4.1612781	14557	4.1630719	14617	4.1648582	14677	4.1666373
14438	4.1595070	14498	4.1613081	14558	4.1631017	14618	4.1648880	14678	4.1666669
14439	4.1595371	14499	4.1613380	14559	4.1631315	14619	4.1649177	14679	4.1666965
14440	4.1595672	14500	4.1613680	14560	4.1631614	14620	4.1649474	14680	4.1667261
14441	4.1595973	14501	4.1613979	14561	4.1631912	14621	4.1649771	14681	4.1667556
14442	4.1596273	14502	4.1614279	14562	4.1632211	14622	4.1650068	14682	4.1667852
14443	4.1596574	14503	4.1614578	14563	4.1632508	14623	4.1650365	14683	4.1668148
14444	4.1596875	14504	4.1614878	14564	4.1632807	14624	4.1650662	14684	4.1668444
14445	4.1597175	14505	4.1615177	14565	4.1633105	14625	4.1650959	14685	4.1668739
14446	4.1597476	14506	4.1615477	14566	4.1633403	14626	4.1651256	14686	4.1669035
14447	4.1597777	14507	4.1615776	14567	4.1633701	14627	4.1651553	14687	4.1669330
14448	4.1598077	14508	4.1616075	14568	4.1633999	14628	4.1651849	14688	4.1669627
14449	4.1598378	14509	4.1616375	14569	4.1634297	14629	4.1652146	14689	4.1669922
14450	4.1598678	14510	4.1616674	14570	4.1634595	14630	4.1652443	14690	4.1670218
14451	4.1598979	14511	4.1616973	14571	4.1634894	14631	4.1652740	14691	4.1670514
14452	4.1599279	14512	4.1617273	14572	4.1635192	14632	4.1653037	14692	4.1670809
14453	4.1599580	14513	4.1617572	14573	4.1635490	14633	4.1653334	14693	4.1671105
14454	4.1599880	14514	4.1617871	14574	4.1635788	14634	4.1653631	14694	4.1671400
14455	4.1600181	14515	4.1618170	14575	4.1636086	14635	4.1653927	14695	4.1671696
14456	4.1600481	14516	4.1618470	14576	4.1636384	14636	4.1654224	14696	4.1671991
14457	4.1600782	14517	4.1618769	14577	4.1636682	14637	4.1654521	14697	4.1672287
14458	4.1601082	14518	4.1619068	14578	4.1636979	14638	4.1654817	14698	4.1672582
14459	4.1601383	14519	4.1619367	14579	4.1637277	14639	4.1655114	14699	4.1672878
14460	4.1601683	14520	4.1619666	14580	4.1637575	14640	4.1655411	14700	4.1673173
								14701	

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
14701	4.1673469	14761	4.1691158	14821	4.1708775	14881	4.1726321	14941	4.1743797
14702	4.1673764	14762	4.1691452	14822	4.1709068	14882	4.1726613	14942	4.1744087
14703	4.1674060	14763	4.1691749	14823	4.1709361	14883	4.1726905	14943	4.1744378
14704	4.1674355	14764	4.1692046	14824	4.1709654	14884	4.1727197	14944	4.1744669
14705	4.1674650	14765	4.1692343	14825	4.1709947	14885	4.1727488	14945	4.1744959
14706	4.1674946	14766	4.1692629	14826	4.1710240	14886	4.1727780	14946	4.1745250
14707	4.1675241	14767	4.1692923	14827	4.1710533	14887	4.1728072	14947	4.1745540
14708	4.1675536	14768	4.1693217	14828	4.1710826	14888	4.1728364	14948	4.1745831
14709	4.1675831	14769	4.1693511	14829	4.1711119	14889	4.1728655	14949	4.1746121
14710	4.1676127	14770	4.1693805	14830	4.1711412	14890	4.1728947	14950	4.1746412
14711	4.1676422	14771	4.1694099	14831	4.1711704	14891	4.1729239	14951	4.1746702
14712	4.1676717	14772	4.1694393	14832	4.1711997	14892	4.1729530	14952	4.1746993
14713	4.1677012	14773	4.1694687	14833	4.1712290	14893	4.1729822	14953	4.1747283
14714	4.1677307	14774	4.1694981	14834	4.1712583	14894	4.1730113	14954	4.1747574
14715	4.1677603	14775	4.1695275	14835	4.1712876	14895	4.1730405	14955	4.1747864
14716	4.1677898	14776	4.1695569	14836	4.1713168	14896	4.1730697	14956	4.1748155
14717	4.1678193	14777	4.1695863	14837	4.1713461	14897	4.1730988	14957	4.1748445
14718	4.1678488	14778	4.1696157	14838	4.1713754	14898	4.1731280	14958	4.1748735
14719	4.1678783	14779	4.1696450	14839	4.1714046	14899	4.1731571	14959	4.1749026
14720	4.1679078	14780	4.1696744	14840	4.1714339	14900	4.1731863	14960	4.1749316
14721	4.1679373	14781	4.1697038	14841	4.1714632	14901	4.1732154	14961	4.1749606
14722	4.1679668	14782	4.1697332	14842	4.1714924	14902	4.1732446	14962	4.1749896
14723	4.1679963	14783	4.1697626	14843	4.1715217	14903	4.1732737	14963	4.1750186
14724	4.1680258	14784	4.1697920	14844	4.1715509	14904	4.1733028	14964	4.1750477
14725	4.1680553	14785	4.1698213	14845	4.1715802	14905	4.1733320	14965	4.1750767
14726	4.1680848	14786	4.1698507	14846	4.1716095	14906	4.1733611	14966	4.1751057
14727	4.1681143	14787	4.1698801	14847	4.1716387	14907	4.1733902	14967	4.1751348
14728	4.1681438	14788	4.1699094	14848	4.1716680	14908	4.1734194	14968	4.1751638
14729	4.1681733	14789	4.1699388	14849	4.1716972	14909	4.1734485	14969	4.1751928
14730	4.1682027	14790	4.1699681	14850	4.1717264	14910	4.1734776	14970	4.1752218
14731	4.1682322	14791	4.1699975	14851	4.1717557	14911	4.1735067	14971	4.1752508
14732	4.1682617	14792	4.1700269	14852	4.1717849	14912	4.1735359	14972	4.1752798
14733	4.1682912	14793	4.1700563	14853	4.1718142	14913	4.1735650	14973	4.1753088
14734	4.1683207	14794	4.1700856	14854	4.1718434	14914	4.1735941	14974	4.1753378
14735	4.1683501	14795	4.1701150	14855	4.1718727	14915	4.1736232	14975	4.1753668
14736	4.1683796	14796	4.1701443	14856	4.1719019	14916	4.1736524	14976	4.1753958
14737	4.1684091	14797	4.1701737	14857	4.1719311	14917	4.1736815	14977	4.1754248
14738	4.1684385	14798	4.1702030	14858	4.1719604	14918	4.1737106	14978	4.1754538
14739	4.1684680	14799	4.1702324	14859	4.1719896	14919	4.1737397	14979	4.1754828
14740	4.1684975	14800	4.1702617	14860	4.1720188	14920	4.1737688	14980	4.1755118
14741	4.1685269	14801	4.1702911	14861	4.1720480	14921	4.1737979	14981	4.1755408
14742	4.1685564	14802	4.1703204	14862	4.1720773	14922	4.1738270	14982	4.1755698
14743	4.1685859	14803	4.1703497	14863	4.1721065	14923	4.1738561	14983	4.1755988
14744	4.1686153	14804	4.1703791	14864	4.1721357	14924	4.1738852	14984	4.1756278
14745	4.1686448	14805	4.1704084	14865	4.1721649	14925	4.1739143	14985	4.1756567
14746	4.1686742	14806	4.1704377	14866	4.1721941	14926	4.1739434	14986	4.1756857
14747	4.1687037	14807	4.1704671	14867	4.1722233	14927	4.1739725	14987	4.1757147
14748	4.1687331	14808	4.1704964	14868	4.1722525	14928	4.1740016	14988	4.1757437
14749	4.1687626	14809	4.1705257	14869	4.1722818	14929	4.1740307	14989	4.1757727
14750	4.1687920	14810	4.1705551	14870	4.1723110	14930	4.1740598	14990	4.1758016
14751	4.1688215	14811	4.1705844	14871	4.1723402	14931	4.1740889	14991	4.1758306
14752	4.1688509	14812	4.1706137	14872	4.1723694	14932	4.1741180	14992	4.1758596
14753	4.1688803	14813	4.1706430	14873	4.1723986	14933	4.1741471	14993	4.1758885
14754	4.1689098	14814	4.1706723	14874	4.1724278	14934	4.1741761	14994	4.1759175
14755	4.1689392	14815	4.1707017	14875	4.1724570	14935	4.1742052	14995	4.1759465
14756	4.1689686	14816	4.1707310	14876	4.1724862	14936	4.1742343	14996	4.1759754
14757	4.1689981	14817	4.1707603	14877	4.1725154	14937	4.1742634	14997	4.1760044
14758	4.1690275	14818	4.1707894	14878	4.1725446	14938	4.1742925	14998	4.1760333
14759	4.1690569	14819	4.1708189	14879	4.1725737	14939	4.1743215	14999	4.1760623
14760	4.1690864	14820	4.1708482	14880	4.1726029	14940	4.1743506	15000	4.1760913

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
15001	4.1761202	15061	4.1778538	15121	4.1795805	15181	4.1813004	15241	4.1830135
15002	4.1761492	15062	4.1778826	15122	4.1796092	15182	4.1813290	15242	4.1830420
15003	4.1761781	15063	4.1779115	15123	4.1796380	15183	4.1813576	15243	4.1830704
15004	4.1762071	15064	4.1779403	15124	4.1796667	15184	4.1813862	15244	4.1830989
15005	4.1762360	15065	4.1779691	15125	4.1796954	15185	4.1814148	15245	4.1831274
15006	4.1762649	15066	4.1779980	15126	4.1797241	15186	4.1814434	15246	4.1831559
15007	4.1762939	15067	4.1780268	15127	4.1797528	15187	4.1814720	15247	4.1831844
15008	4.1763228	15068	4.1780556	15128	4.1797815	15188	4.1815006	15248	4.1832129
15009	4.1763518	15069	4.1780844	15129	4.1798102	15189	4.1815292	15249	4.1832414
15010	4.1763807	15070	4.1781132	15130	4.1798389	15190	4.1815578	15250	4.1832698
15011	4.1764096	15071	4.1781421	15131	4.1798676	15191	4.1815864	15251	4.1832983
15012	4.1764386	15072	4.1781708	15132	4.1798963	15192	4.1816149	15252	4.1833268
15013	4.1764675	15073	4.1781997	15133	4.1799250	15193	4.1816435	15253	4.1833553
15014	4.1764964	15074	4.1782285	15134	4.1799537	15194	4.1816721	15254	4.1833837
15015	4.1765253	15075	4.1782573	15135	4.1799824	15195	4.1817007	15255	4.1834122
15016	4.1765543	15076	4.1782861	15136	4.1800111	15196	4.1817293	15256	4.1834407
15017	4.1765832	15077	4.1783149	15137	4.1800398	15197	4.1817579	15257	4.1834691
15018	4.1766121	15078	4.1783437	15138	4.1800685	15198	4.1817864	15258	4.1834976
15019	4.1766410	15079	4.1783725	15139	4.1800972	15199	4.1818150	15259	4.1835261
15020	4.1766699	15080	4.1784013	15140	4.1801259	15200	4.1818436	15260	4.1835545
15021	4.1766988	15081	4.1784301	15141	4.1801546	15201	4.1818721	15261	4.1835830
15022	4.1767278	15082	4.1784589	15142	4.1801832	15202	4.1819007	15262	4.1836115
15023	4.1767567	15083	4.1784877	15143	4.1802119	15203	4.1819293	15263	4.1836399
15024	4.1767856	15084	4.1785165	15144	4.1802406	15204	4.1819579	15264	4.1836684
15025	4.1768145	15085	4.1785453	15145	4.1802693	15205	4.1819864	15265	4.1836968
15026	4.1768434	15086	4.1785741	15146	4.1802979	15206	4.1820150	15266	4.1837253
15027	4.1768723	15087	4.1786029	15147	4.1803266	15207	4.1820435	15267	4.1837537
15028	4.1769012	15088	4.1786317	15148	4.1803553	15208	4.1820721	15268	4.1837821
15029	4.1769301	15089	4.1786605	15149	4.1803840	15209	4.1821007	15269	4.1838106
15030	4.1769590	15090	4.1786892	15150	4.1804126	15210	4.1821292	15270	4.1838390
15031	4.1769879	15091	4.1787180	15151	4.1804413	15211	4.1821578	15271	4.1838675
15032	4.1770168	15092	4.1787468	15152	4.1804700	15212	4.1821863	15272	4.1838959
15033	4.1770457	15093	4.1787756	15153	4.1804986	15213	4.1822149	15273	4.1839243
15034	4.1770745	15094	4.1788043	15154	4.1805273	15214	4.1822434	15274	4.1839528
15035	4.1771034	15095	4.1788331	15155	4.1805559	15215	4.1822720	15275	4.1839812
15036	4.1771323	15096	4.1788619	15156	4.1805846	15216	4.1823005	15276	4.1840096
15037	4.1771612	15097	4.1788907	15157	4.1806132	15217	4.1823290	15277	4.1840381
15038	4.1771901	15098	4.1789194	15158	4.1806419	15218	4.1823576	15278	4.1840665
15039	4.1772190	15099	4.1789482	15159	4.1806705	15219	4.1823861	15279	4.1840949
15040	4.1772478	15100	4.1789769	15160	4.1806992	15220	4.1824146	15280	4.1841233
15041	4.1772767	15101	4.1790057	15161	4.1807278	15221	4.1824432	15281	4.1841518
15042	4.1773056	15102	4.1790345	15162	4.1807565	15222	4.1824717	15282	4.1841802
15043	4.1773345	15103	4.1790632	15163	4.1807851	15223	4.1825002	15283	4.1842086
15044	4.1773633	15104	4.1790920	15164	4.1808138	15224	4.1825288	15284	4.1842370
15045	4.1773922	15105	4.1791207	15165	4.1808424	15225	4.1825573	15285	4.1842654
15046	4.1774211	15106	4.1791495	15166	4.1808710	15226	4.1825858	15286	4.1842939
15047	4.1774499	15107	4.1791782	15167	4.1808997	15227	4.1826143	15287	4.1843223
15048	4.1774788	15108	4.1792070	15168	4.1809283	15228	4.1826429	15288	4.1843507
15049	4.1775076	15109	4.1792357	15169	4.1809569	15229	4.1826714	15289	4.1843791
15050	4.1775365	15110	4.1792645	15170	4.1809856	15230	4.1826999	15290	4.1844075
15051	4.1775654	15111	4.1792932	15171	4.1810142	15231	4.1827284	15291	4.1844359
15052	4.1775943	15112	4.1793219	15172	4.1810428	15232	4.1827569	15292	4.1844643
15053	4.1776232	15113	4.1793507	15173	4.1810715	15233	4.1827854	15293	4.1844927
15054	4.1776521	15114	4.1793794	15174	4.1811008	15234	4.1828139	15294	4.1845211
15055	4.1776810	15115	4.1794082	15175	4.1811287	15235	4.1828425	15295	4.1845495
15056	4.1777096	15116	4.1794369	15176	4.1811573	15236	4.1828710	15296	4.1845779
15057	4.1777384	15117	4.1794656	15177	4.1811859	15237	4.1828995	15297	4.1846063
15058	4.1777673	15118	4.1794943	15178	4.1812145	15238	4.1829280	15298	4.1846347
15059	4.1777961	15119	4.1795231	15179	4.1812432	15239	4.1829565	15299	4.1846630
15060	4.1778250	15120	4.1795518	15180	4.1812718	15240	4.1829850	15300	4.1846914
								15301	

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
15301	4.1847198	15361	4.1864195	15421	4.1881125	15481	4.1897990	15541	4.1914790
15302	4.1847482	15362	4.1864478	15422	4.1881407	15482	4.1898271	15542	4.1915070
15303	4.1847766	15363	4.1864760	15423	4.1881685	15483	4.1898551	15543	4.1915348
15304	4.1848050	15364	4.1865043	15424	4.1881970	15484	4.1898832	15544	4.1915628
15305	4.1848333	15365	4.1865326	15425	4.1882252	15485	4.1899112	15545	4.1915907
15306	4.1848617	15366	4.1865608	15426	4.1882533	15486	4.1899393	15546	4.1916187
15307	4.1848901	15367	4.1865891	15427	4.1882815	15487	4.1899673	15547	4.1916466
15308	4.1849184	15368	4.1866173	15428	4.1883096	15488	4.1899953	15548	4.1916745
15309	4.1849468	15369	4.1866456	15429	4.1883378	15489	4.1900234	15549	4.1917025
15310	4.1849752	15370	4.1866739	15430	4.1883659	15490	4.1900514	15550	4.1917304
15311	4.1850036	15371	4.1867021	15431	4.1883941	15491	4.1900794	15551	4.1917583
15312	4.1850319	15372	4.1867304	15432	4.1884222	15492	4.1901075	15552	4.1917862
15313	4.1850603	15373	4.1867586	15433	4.1884504	15493	4.1901355	15553	4.1918142
15314	4.1850886	15374	4.1867869	15434	4.1884785	15494	4.1901635	15554	4.1918421
15315	4.1851170	15375	4.1868151	15435	4.1885066	15495	4.1901916	15555	4.1918700
15316	4.1851454	15376	4.1868434	15436	4.1885348	15496	4.1902196	15556	4.1918979
15317	4.1851737	15377	4.1868716	15437	4.1885629	15497	4.1902476	15557	4.1919258
15318	4.1852021	15378	4.1868999	15438	4.1885910	15498	4.1902757	15558	4.1919538
15319	4.1852304	15379	4.1869281	15439	4.1886192	15499	4.1903037	15559	4.1919817
15320	4.1852588	15380	4.1869563	15440	4.1886473	15500	4.1903317	15560	4.1920096
15321	4.1852871	15381	4.1869846	15441	4.1886754	15501	4.1903597	15561	4.1920375
15322	4.1853155	15382	4.1870128	15442	4.1887035	15502	4.1903877	15562	4.1920654
15323	4.1853438	15383	4.1870410	15443	4.1887317	15503	4.1904157	15563	4.1920933
15324	4.1853721	15384	4.1870693	15444	4.1887598	15504	4.1904438	15564	4.1921212
15325	4.1854005	15385	4.1870975	15445	4.1887879	15505	4.1904718	15565	4.1921491
15326	4.1854288	15386	4.1871257	15446	4.1888160	15506	4.1904998	15566	4.1921770
15327	4.1854572	15387	4.1871540	15447	4.1888441	15507	4.1905278	15567	4.1922049
15328	4.1854855	15388	4.1871822	15448	4.1888723	15508	4.1905558	15568	4.1922328
15329	4.1855138	15389	4.1872104	15449	4.1889004	15509	4.1905838	15569	4.1922607
15330	4.1855422	15390	4.1872386	15450	4.1889285	15510	4.1906118	15570	4.1922886
15331	4.1855705	15391	4.1872668	15451	4.1889566	15511	4.1906398	15571	4.1923165
15332	4.1855988	15392	4.1872951	15452	4.1889847	15512	4.1906678	15572	4.1923444
15333	4.1856271	15393	4.1873233	15453	4.1890128	15513	4.1906958	15573	4.1923723
15334	4.1856555	15394	4.1873515	15454	4.1890409	15514	4.1907238	15574	4.1924002
15335	4.1856838	15395	4.1873797	15455	4.1890690	15515	4.1907518	15575	4.1924281
15336	4.1857121	15396	4.1874079	15456	4.1890971	15516	4.1907798	15576	4.1924559
15337	4.1857404	15397	4.1874361	15457	4.1891252	15517	4.1908078	15577	4.1924838
15338	4.1857687	15398	4.1874643	15458	4.1891533	15518	4.1908357	15578	4.1925117
15339	4.1857970	15399	4.1874925	15459	4.1891814	15519	4.1908637	15579	4.1925396
15340	4.1858254	15400	4.1875207	15460	4.1892095	15520	4.1908917	15580	4.1925674
15341	4.1858537	15401	4.1875489	15461	4.1892376	15521	4.1909197	15581	4.1925953
15342	4.1858819	15402	4.1875771	15462	4.1892657	15522	4.1909477	15582	4.1926232
15343	4.1859103	15403	4.1876053	15463	4.1892938	15523	4.1909757	15583	4.1926511
15344	4.1859386	15404	4.1876335	15464	4.1893218	15524	4.1910036	15584	4.1926789
15345	4.1859669	15405	4.1876617	15465	4.1893499	15525	4.1910316	15585	4.1927068
15346	4.1859952	15406	4.1876899	15466	4.1893780	15526	4.1910596	15586	4.1927347
15347	4.1860235	15407	4.1877181	15467	4.1894061	15527	4.1910875	15587	4.1927625
15348	4.1860518	15408	4.1877463	15468	4.1894342	15528	4.1911155	15588	4.1927904
15349	4.1860801	15409	4.1877745	15469	4.1894622	15529	4.1911435	15589	4.1928183
15350	4.1861084	15410	4.1878026	15470	4.1894903	15530	4.1911715	15590	4.1928461
15351	4.1861367	15411	4.1878308	15471	4.1895184	15531	4.1911994	15591	4.1928740
15352	4.1861650	15412	4.1878590	15472	4.1895465	15532	4.1912274	15592	4.1929018
15353	4.1861932	15413	4.1878872	15473	4.1895745	15533	4.1912553	15593	4.1929297
15354	4.1862215	15414	4.1879154	15474	4.1896026	15534	4.1912833	15594	4.1929575
15355	4.1862498	15415	4.1879435	15475	4.1896307	15535	4.1913113	15595	4.1929854
15356	4.1862781	15416	4.1879717	15476	4.1896587	15536	4.1913392	15596	4.1930132
15357	4.1863064	15417	4.1879999	15477	4.1896868	15537	4.1913672	15597	4.1930411
15358	4.1863347	15418	4.1880280	15478	4.1897148	15538	4.1913951	15598	4.1930689
15359	4.1863629	15419	4.1880562	15479	4.1897429	15539	4.1914231	15599	4.1930968
15360	4.1863912	15420	4.1880844	15480	4.1897710	15540	4.1914510	15600	4.1931246

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
15601	4.1931524	15661	4.1948195	15721	4.1964802	15781	4.1981345	15841	4.1997825
15602	4.1931803	15662	4.1948472	15722	4.1965078	15782	4.1981620	15842	4.1998100
15603	4.1932081	15663	4.1948749	15723	4.1965354	15783	4.1981896	15843	4.1998374
15604	4.1932359	15664	4.1949027	15724	4.1965630	15784	4.1982171	15844	4.1998648
15605	4.1932638	15665	4.1949304	15725	4.1965906	15785	4.1982446	15845	4.1998922
15606	4.1932916	15666	4.1949581	15726	4.1966183	15786	4.1982721	15846	4.1999197
15607	4.1933194	15667	4.1949858	15727	4.1966459	15787	4.1982996	15847	4.1999471
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15610	4.1934029	15670	4.1950690	15730	4.1967287	15790	4.1983821	15850	4.2000293
15611	4.1934307	15671	4.1950967	15731	4.1967563	15791	4.1984096	15851	4.2000567
15612	4.1934585	15672	4.1951244	15732	4.1967839	15792	4.1984371	15852	4.2000841
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15615	4.1935420	15675	4.1952075	15735	4.1968667	15795	4.1985196	15855	4.2001662
15616	4.1935698	15676	4.1952353	15736	4.1968943	15796	4.1985471	15856	4.2001936
15617	4.1935976	15677	4.1952630	15737	4.1969219	15797	4.1985746	15857	4.2002210
15618	4.1936254	15678	4.1952907	15738	4.1969495	15798	4.1986021	15858	4.2002484
15619	4.1936532	15679	4.1953184	15739	4.1969771	15799	4.1986296	15859	4.2002758
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15621	4.1937088	15681	4.1953737	15741	4.1970323	15801	4.1986846	15861	4.2003306
15622	4.1937366	15682	4.1954015	15742	4.1970599	15802	4.1987121	15862	4.2003579
15623	4.1937644	15683	4.1954291	15743	4.1970875	15803	4.1987395	15863	4.2003853
15624	4.1937922	15684	4.1954568	15744	4.1971151	15804	4.1987670	15864	4.2004127
15625	4.1938200	15685	4.1954845	15745	4.1971427	15805	4.1987945	15865	4.2004401
15626	4.1938478	15686	4.1955122	15746	4.1971702	15806	4.1988220	15866	4.2004674
15627	4.1938756	15687	4.1955399	15747	4.1971978	15807	4.1988495	15867	4.2004948
15628	4.1939034	15688	4.1955676	15748	4.1972254	15808	4.1988769	15868	4.2005222
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15640	4.1942367	15700	4.1958997	15760	4.1975562	15820	4.1992065	15880	4.2008505
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15647	4.1944311	15707	4.1960932	15767	4.1977491	15827	4.1993986	15887	4.2010419
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15650	4.1945143	15710	4.1961762	15770	4.1978317	15830	4.1994809	15890	4.2011239
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15656	4.1946808	15716	4.1963420	15776	4.1979969	15836	4.1996455	15896	4.2012879
15657	4.1947085	15717	4.1963696	15777	4.1980244	15837	4.1996729	15897	4.2013152
15658	4.1947363	15718	4.1963973	15778	4.1980519	15838	4.1997003	15898	4.2013425
15659	4.1947640	15719	4.1964249	15779	4.1980795	15839	4.1997278	15899	4.2013698
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15903	4. 2014791	15963	4. 2031145	16023	4. 2047438	16083	4. 2063670	16143	4. 2079842
15904	4. 2015064	15964	4. 2031417	16024	4. 2047709	16084	4. 2063941	16144	4. 2080111
15905	4. 2015337	15965	4. 2031689	16025	4. 2047980	16085	4. 2064211	16145	4. 2080380
15906	4. 2015610	15966	4. 2031961	16026	4. 2048251	16086	4. 2064481	16146	4. 2080649
15907	4. 2015883	15967	4. 2032233	16027	4. 2048522	16087	4. 2064750	16147	4. 2080918
15908	4. 2016156	15968	4. 2032505	16028	4. 2048793	16088	4. 2065021	16148	4. 2081187
15909	4. 2016429	15969	4. 2032777	16029	4. 2049064	16089	4. 2065290	16149	4. 2081456
15910	4. 2016702	15970	4. 2033049	16030	4. 2049335	16090	4. 2065560	16150	4. 2081725
15911	4. 2016975	15971	4. 2033321	16031	4. 2049606	16091	4. 2065830	16151	4. 2081994
15912	4. 2017248	15972	4. 2033593	16032	4. 2049877	16092	4. 2066100	16152	4. 2082263
15913	4. 2017521	15973	4. 2033865	16033	4. 2050148	16093	4. 2066370	16153	4. 2082532
15914	4. 2017793	15974	4. 2034137	16034	4. 2050419	16094	4. 2066640	16154	4. 2082801
15915	4. 2018066	15975	4. 2034409	16035	4. 2050690	16095	4. 2066910	16155	4. 2083070
15916	4. 2018339	15976	4. 2034681	16036	4. 2050960	16096	4. 2067180	16156	4. 2083338
15917	4. 2018612	15977	4. 2034952	16037	4. 2051231	16097	4. 2067450	16157	4. 2083607
15918	4. 2018885	15978	4. 2035224	16038	4. 2051502	16098	4. 2067719	16158	4. 2083876
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15920	4. 2019431	15980	4. 2035768	16040	4. 2052044	16100	4. 2068259	16160	4. 2084414
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15922	4. 2019976	15982	4. 2036311	16042	4. 2052585	16102	4. 2068798	16162	4. 2084951
15923	4. 2020249	15983	4. 2036583	16043	4. 2052856	16103	4. 2069068	16163	4. 2085220
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15946	4. 2026518	16006	4. 2042828	16066	4. 2059078	16126	4. 2075267	16186	4. 2091395
15947	4. 2026790	16007	4. 2043099	16067	4. 2059348	16127	4. 2075536	16187	4. 2091664
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15955	4. 2028968	16015	4. 2045269	16075	4. 2061510	16135	4. 2077690	16195	4. 2093809
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15959	4. 2030057	16019	4. 2046354	16079	4. 2062590	16139	4. 2078766	16199	4. 2094882
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16202	4. 2095686	16262	4. 2111740	16322	4. 2127734	16382	4. 2143669	16442	4. 2159546
16203	4. 2095954	16263	4. 2112007	16323	4. 2128000	16383	4. 2143934	16443	4. 2159811
16204	4. 2096222	16264	4. 2112273	16324	4. 2128266	16384	4. 2144199	16444	4. 2160075
16205	4. 2096490	16265	4. 2112541	16325	4. 2128532	16385	4. 2144464	16445	4. 2160339
16206	4. 2096758	16266	4. 2112808	16326	4. 2128798	16386	4. 2144729	16446	4. 2160603
16207	4. 2097026	16267	4. 2113074	16327	4. 2129064	16387	4. 2144994	16447	4. 2160867
16208	4. 2097294	16268	4. 2113342	16328	4. 2129330	16388	4. 2145260	16448	4. 2161131
16209	4. 2097562	16269	4. 2113609	16329	4. 2129596	16389	4. 2145525	16449	4. 2161395
16210	4. 2097830	16270	4. 2113875	16330	4. 2129862	16390	4. 2145790	16450	4. 2161659
16211	4. 2098098	16271	4. 2114142	16331	4. 2130128	16391	4. 2146054	16451	4. 2161923
16212	4. 2098366	16272	4. 2114409	16332	4. 2130394	16392	4. 2146319	16452	4. 2162187
16213	4. 2098634	16273	4. 2114676	16333	4. 2130660	16393	4. 2146584	16453	4. 2162451
16214	4. 2098902	16274	4. 2114943	16334	4. 2130925	16394	4. 2146849	16454	4. 2162715
16215	4. 2099169	16275	4. 2115210	16335	4. 2131191	16395	4. 2147114	16455	4. 2162979
16216	4. 2099437	16276	4. 2115477	16336	4. 2131457	16396	4. 2147379	16456	4. 2163243
16217	4. 2099705	16277	4. 2115744	16337	4. 2131723	16397	4. 2147644	16457	4. 2163507
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16219	4. 2100241	16279	4. 2116277	16339	4. 2132255	16399	4. 2148174	16459	4. 2164034
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16221	4. 2100776	16281	4. 2116811	16341	4. 2132686	16401	4. 2148703	16461	4. 2164562
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16223	4. 2101312	16283	4. 2117344	16343	4. 2133318	16403	4. 2149232	16463	4. 2165090
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16225	4. 2101847	16285	4. 2117878	16345	4. 2133849	16405	4. 2149762	16465	4. 2165617
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16227	4. 2102382	16287	4. 2118411	16347	4. 2134381	16407	4. 2150292	16467	4. 2166145
16228	4. 2102650	16288	4. 2118678	16348	4. 2134646	16408	4. 2150556	16468	4. 2166408
16229	4. 2102918	16289	4. 2118944	16349	4. 2134912	16409	4. 2150821	16469	4. 2166672
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16239	4. 2105593	16299	4. 2121610	16359	4. 2137567	16419	4. 2153467	16479	4. 2169308
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16242	4. 2106395	16302	4. 2122409	16362	4. 2138364	16422	4. 2154260	16482	4. 2170099
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16244	4. 2106930	16304	4. 2122942	16364	4. 2138895	16424	4. 2154789	16484	4. 2170626
16245	4. 2107197	16305	4. 2123208	16365	4. 2139160	16425	4. 2155054	16485	4. 2170889
16246	4. 2107464	16306	4. 2123474	16366	4. 2139425	16426	4. 2155318	16486	4. 2171153
16247	4. 2107732	16307	4. 2123741	16367	4. 2139691	16427	4. 2155583	16487	4. 2171416
16248	4. 2107999	16308	4. 2124007	16368	4. 2139956	16428	4. 2155847	16488	4. 2171680
16249	4. 2108266	16309	4. 2124273	16369	4. 2140221	16429	4. 2156111	16489	4. 2171943
16250	4. 2108534	16310	4. 2124540	16370	4. 2140487	16430	4. 2156376	16490	4. 2172207
16251	4. 2108800	16311	4. 2124806	16371	4. 2140752	16431	4. 2156640	16491	4. 2172470
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16253	4. 2109335	16313	4. 2125338	16373	4. 2141283	16433	4. 2157169	16493	4. 2172997
16254	4. 2109603	16314	4. 2125605	16374	4. 2141548	16434	4. 2157433	16494	4. 2173260
16255	4. 2109870	16315	4. 2125871	16375	4. 2141813	16435	4. 2157697	16495	4. 2173523
16256	4. 2110137	16316	4. 2126137	16376	4. 2142078	16436	4. 2157961	16496	4. 2173786
16257	4. 2110404	16317	4. 2126403	16377	4. 2142343	16437	4. 2158226	16497	4. 2174050
16258	4. 2110671	16318	4. 2126669	16378	4. 2142609	16438	4. 2158490	16498	4. 2174313
16259	4. 2110938	16319	4. 2126935	16379	4. 2142874	16439	4. 2158754	16499	4. 2174576
16260	4. 2111205	16320	4. 2127201	16380	4. 2143139	16440	4. 2159018	16500	4. 2174839

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16801	4. 2253351	16861	4. 2268833	16921	4. 2284260	16981	4. 2299632	17041	4. 2314951
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16803	4. 2253868	16863	4. 2269348	16923	4. 2284774	16983	4. 2300144	17043	4. 2315460
16804	4. 2254127	16864	4. 2269606	16924	4. 2285030	16984	4. 2300400	17044	4. 2315715
16805	4. 2254385	16865	4. 2269863	16925	4. 2285287	16985	4. 2300656	17045	4. 2315970
16806	4. 2254644	16866	4. 2270121	16926	4. 2285543	16986	4. 2300911	17046	4. 2316225
16807	4. 2254902	16867	4. 2270378	16927	4. 2285800	16987	4. 2301167	17047	4. 2316480
16808	4. 2255160	16868	4. 2270636	16928	4. 2286056	16988	4. 2301423	17048	4. 2316734
16809	4. 2255419	16869	4. 2270893	16929	4. 2286313	16989	4. 2301678	17049	4. 2316989
16810	4. 2255677	16870	4. 2271151	16930	4. 2286570	16990	4. 2301934	17050	4. 2317244
16811	4. 2255935	16871	4. 2271408	16931	4. 2286826	16991	4. 2302189	17051	4. 2317499
16812	4. 2256194	16872	4. 2271666	16932	4. 2287083	16992	4. 2302445	17052	4. 2317753
16813	4. 2256452	16873	4. 2271923	16933	4. 2287339	16993	4. 2302701	17053	4. 2318008
16814	4. 2256710	16874	4. 2272180	16934	4. 2287596	16994	4. 2302956	17054	4. 2318263
16815	4. 2256969	16875	4. 2272438	16935	4. 2287852	16995	4. 2303212	17055	4. 2318517
16816	4. 2257227	16876	4. 2272695	16936	4. 2288108	16996	4. 2303467	17056	4. 2318772
16817	4. 2257485	16877	4. 2272952	16937	4. 2288365	16997	4. 2303723	17057	4. 2319026
16818	4. 2257743	16878	4. 2273210	16938	4. 2288621	16998	4. 2303978	17058	4. 2319281
16819	4. 2258002	16879	4. 2273467	16939	4. 2288877	16999	4. 2304234	17059	4. 2319536
16820	4. 2258260	16880	4. 2273724	16940	4. 2289134	17000	4. 2304489	17060	4. 2319790
16821	4. 2258518	16881	4. 2273982	16941	4. 2289390	17001	4. 2304745	17061	4. 2320045
16822	4. 2258776	16882	4. 2274239	16942	4. 2289647	17002	4. 2305000	17062	4. 2320299
16823	4. 2259034	16883	4. 2274496	16943	4. 2289903	17003	4. 2305256	17063	4. 2320554
16824	4. 2259293	16884	4. 2274753	16944	4. 2290159	17004	4. 2305511	17064	4. 2320808
16825	4. 2259551	16885	4. 2275011	16945	4. 2290416	17005	4. 2305766	17065	4. 2321063
16826	4. 2259809	16886	4. 2275268	16946	4. 2290672	17006	4. 2306022	17066	4. 2321317
16827	4. 2260066	16887	4. 2275525	16947	4. 2290928	17007	4. 2306277	17067	4. 2321572
16828	4. 2260325	16888	4. 2275782	16948	4. 2291184	17008	4. 2306532	17068	4. 2321826
16829	4. 2260583	16889	4. 2276039	16949	4. 2291441	17009	4. 2306788	17069	4. 2322081
16830	4. 2260841	16890	4. 2276296	16950	4. 2291697	17010	4. 2307043	17070	4. 2322335
16831	4. 2261099	16891	4. 2276554	16951	4. 2291953	17011	4. 2307298	17071	4. 2322590
16832	4. 2261357	16892	4. 2276811	16952	4. 2292209	17012	4. 2307554	17072	4. 2322844
16833	4. 2261615	16893	4. 2277068	16953	4. 2292466	17013	4. 2307809	17073	4. 2323098
16834	4. 2261873	16894	4. 2277325	16954	4. 2292722	17014	4. 2308064	17074	4. 2323353
16835	4. 2262131	16895	4. 2277582	16955	4. 2292978	17015	4. 2308319	17075	4. 2323607
16836	4. 2262389	16896	4. 2277839	16956	4. 2293234	17016	4. 2308575	17076	4. 2323861
16837	4. 2262647	16897	4. 2278096	16957	4. 2293490	17017	4. 2308830	17077	4. 2324116
16838	4. 2262905	16898	4. 2278353	16958	4. 2293746	17018	4. 2309085	17078	4. 2324370
16839	4. 2263163	16899	4. 2278610	16959	4. 2294002	17019	4. 2309340	17079	4. 2324624
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16841	4. 2263679	16901	4. 2279124	16961	4. 2294515	17021	4. 2309851	17081	4. 2325133
16842	4. 2263937	16902	4. 2279381	16962	4. 2294771	17022	4. 2310106	17082	4. 2325387
16843	4. 2264194	16903	4. 2279638	16963	4. 2295027	17023	4. 2310361	17083	4. 2325641
16844	4. 2264452	16904	4. 2279895	16964	4. 2295283	17024	4. 2310616	17084	4. 2325896
16845	4. 2264710	16905	4. 2280152	16965	4. 2295539	17025	4. 2310871	17085	4. 2326150
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16847	4. 2265226	16907	4. 2280666	16967	4. 2296051	17027	4. 2311381	17087	4. 2326658
16848	4. 2265484	16908	4. 2280922	16968	4. 2296307	17028	4. 2311636	17088	4. 2326912
16849	4. 2265741	16909	4. 2281179	16969	4. 2296562	17029	4. 2311891	17089	4. 2327166
16850	4. 2265999	16910	4. 2281436	16970	4. 2296818	17030	4. 2312146	17090	4. 2327421
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16852	4. 2266514	16912	4. 2281950	16972	4. 2297330	17032	4. 2312656	17092	4. 2327929
16853	4. 2266772	16913	4. 2282206	16973	4. 2297586	17033	4. 2312911	17093	4. 2328183
16854	4. 2267030	16914	4. 2282463	16974	4. 2297842	17034	4. 2313166	17094	4. 2328437
16855	4. 2267288	16915	4. 2282720	16975	4. 2298098	17035	4. 2313421	17095	4. 2328691
16856	4. 2267545	16916	4. 2282977	16976	4. 2298354	17036	4. 2313676	17096	4. 2328945
16857	4. 2267803	16917	4. 2283233	16977	4. 2298609	17037	4. 2313931	17097	4. 2329199
16858	4. 2268060	16918	4. 2283490	16978	4. 2298865	17038	4. 2314186	17098	4. 2329453
16859	4. 2268318	16919	4. 2283747	16979	4. 2299121	17039	4. 2314441	17099	4. 2329707
16860	4. 2268576	16920	4. 2284004	16980	4. 2299377	17040	4. 2314696	17100	4. 2329961

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
17101	4. 2330215	17161	4. 2345425	17221	4. 2360584	17281	4. 2375689	17341	4. 2390741
17102	4. 2330469	17162	4. 2345679	17222	4. 2360836	17282	4. 2375940	17342	4. 2390991
17103	4. 2330723	17163	4. 2345932	17223	4. 2361088	17283	4. 2376191	17343	4. 2391242
17104	4. 2330977	17164	4. 2346185	17224	4. 2361340	17284	4. 2376443	17344	4. 2391492
17105	4. 2331231	17165	4. 2346438	17225	4. 2361592	17285	4. 2376694	17345	4. 2391743
17106	4. 2331485	17166	4. 2346691	17226	4. 2361844	17286	4. 2376945	17346	4. 2391993
17107	4. 2331739	17167	4. 2346944	17227	4. 2362096	17287	4. 2377196	17347	4. 2392243
17108	4. 2331992	17168	4. 2347197	17228	4. 2362349	17288	4. 2377447	17348	4. 2392494
17109	4. 2332246	17169	4. 2347450	17229	4. 2362601	17289	4. 2377699	17349	4. 2392744
17110	4. 2332500	17170	4. 2347703	17230	4. 2362853	17290	4. 2377950	17350	4. 2392994
17111	4. 2332754	17171	4. 2347955	17231	4. 2363105	17291	4. 2378201	17351	4. 2393245
17112	4. 2333008	17172	4. 2348209	17232	4. 2363357	17292	4. 2378452	17352	4. 2393495
17113	4. 2333261	17173	4. 2348461	17233	4. 2363609	17293	4. 2378703	17353	4. 2393746
17114	4. 2333515	17174	4. 2348715	17234	4. 2363861	17294	4. 2378955	17354	4. 2393996
17115	4. 2333769	17175	4. 2348967	17235	4. 2364113	17295	4. 2379206	17355	4. 2394246
17116	4. 2334023	17176	4. 2349220	17236	4. 2364365	17296	4. 2379457	17356	4. 2394496
17117	4. 2334276	17177	4. 2349473	17237	4. 2364617	17297	4. 2379708	17357	4. 2394747
17118	4. 2334530	17178	4. 2349726	17238	4. 2364869	17298	4. 2379959	17358	4. 2394997
17119	4. 2334784	17179	4. 2349979	17239	4. 2365121	17299	4. 2380210	17359	4. 2395247
17120	4. 2335038	17180	4. 2350232	17240	4. 2365373	17300	4. 2380461	17360	4. 2395497
17121	4. 2335291	17181	4. 2350484	17241	4. 2365625	17301	4. 2380712	17361	4. 2395747
17122	4. 2335545	17182	4. 2350737	17242	4. 2365876	17302	4. 2380963	17362	4. 2395997
17123	4. 2335799	17183	4. 2350990	17243	4. 2366128	17303	4. 2381214	17363	4. 2396248
17124	4. 2336052	17184	4. 2351243	17244	4. 2366380	17304	4. 2381465	17364	4. 2396498
17125	4. 2336306	17185	4. 2351495	17245	4. 2366632	17305	4. 2381716	17365	4. 2396748
17126	4. 2336559	17186	4. 2351748	17246	4. 2366884	17306	4. 2381967	17366	4. 2396998
17127	4. 2336813	17187	4. 2352001	17247	4. 2367136	17307	4. 2382218	17367	4. 2397248
17128	4. 2337067	17188	4. 2352253	17248	4. 2367387	17308	4. 2382469	17368	4. 2397498
17129	4. 2337320	17189	4. 2352506	17249	4. 2367639	17309	4. 2382720	17369	4. 2397748
17130	4. 2337574	17190	4. 2352759	17250	4. 2367891	17310	4. 2382971	17370	4. 2397998
17131	4. 2337827	17191	4. 2353011	17251	4. 2368143	17311	4. 2383222	17371	4. 2398248
17132	4. 2338081	17192	4. 2353264	17252	4. 2368394	17312	4. 2383472	17372	4. 2398498
17133	4. 2338334	17193	4. 2353517	17253	4. 2368646	17313	4. 2383723	17373	4. 2398748
17134	4. 2338588	17194	4. 2353769	17254	4. 2368898	17314	4. 2383974	17374	4. 2398998
17135	4. 2338841	17195	4. 2354022	17255	4. 2369150	17315	4. 2384225	17375	4. 2399248
17136	4. 2339095	17196	4. 2354274	17256	4. 2369410	17316	4. 2384476	17376	4. 2399498
17137	4. 2339348	17197	4. 2354527	17257	4. 2369653	17317	4. 2384727	17377	4. 2399748
17138	4. 2339601	17198	4. 2354779	17258	4. 2369905	17318	4. 2384977	17378	4. 2399998
17139	4. 2339855	17199	4. 2355032	17259	4. 2370156	17319	4. 2385228	17379	4. 2400248
17140	4. 2340108	17200	4. 2355284	17260	4. 2370408	17320	4. 2385479	17380	4. 2400498
17141	4. 2340362	17201	4. 2355537	17261	4. 2370660	17321	4. 2385730	17381	4. 2400748
17142	4. 2340614	17202	4. 2355789	17262	4. 2370911	17322	4. 2385980	17382	4. 2400997
17143	4. 2340868	17203	4. 2356042	17263	4. 2371163	17323	4. 2386231	17383	4. 2401247
17144	4. 2341122	17204	4. 2356294	17264	4. 2371414	17324	4. 2386482	17384	4. 2401497
17145	4. 2341375	17205	4. 2356547	17265	4. 2371666	17325	4. 2386732	17385	4. 2401747
17146	4. 2341628	17206	4. 2356799	17266	4. 2371917	17326	4. 2386983	17386	4. 2401997
17147	4. 2341881	17207	4. 2357052	17267	4. 2372169	17327	4. 2387234	17387	4. 2402246
17148	4. 2342135	17208	4. 2357304	17268	4. 2372420	17328	4. 2387484	17388	4. 2402496
17149	4. 2342388	17209	4. 2357556	17269	4. 2372672	17329	4. 2387735	17389	4. 2402746
17150	4. 2342641	17210	4. 2357809	17270	4. 2372924	17330	4. 2387986	17390	4. 2402996
17151	4. 2342894	17211	4. 2358061	17271	4. 2373175	17331	4. 2388236	17391	4. 2403246
17152	4. 2343148	17212	4. 2358313	17272	4. 2373426	17332	4. 2388486	17392	4. 2403495
17153	4. 2343401	17213	4. 2358566	17273	4. 2373678	17333	4. 2388737	17393	4. 2403745
17154	4. 2343654	17214	4. 2358818	17274	4. 2373929	17334	4. 2388988	17394	4. 2403995
17155	4. 2343907	17215	4. 2359070	17275	4. 2374181	17335	4. 2389238	17395	4. 2404244
17156	4. 2344161	17216	4. 2359323	17276	4. 2374432	17336	4. 2389489	17396	4. 2404493
17157	4. 2344413	17217	4. 2359575	17277	4. 2374683	17337	4. 2389739	17397	4. 2404744
17158	4. 2344667	17218	4. 2359827	17278	4. 2374935	17338	4. 2389990	17398	4. 2404993
17159	4. 2344920	17219	4. 2360079	17279	4. 2375186	17339	4. 2390240	17399	4. 2405243
17160	4. 2345173	17220	4. 2360331	17280	4. 2375437	17340	4. 2390491	17400	4. 2405492

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
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17402	4.2405992	17462	4.2420940	17522	4.2435837	17582	4.2450683	17642	4.2465478
17403	4.2406241	17463	4.2421189	17523	4.2436085	17583	4.2450930	17643	4.2465724
17404	4.2406491	17464	4.2421437	17524	4.2436332	17584	4.2451177	17644	4.2465970
17405	4.2406740	17465	4.2421686	17525	4.2436580	17585	4.2451424	17645	4.2466217
17406	4.2406990	17466	4.2421935	17526	4.2436828	17586	4.2451671	17646	4.2466463
17407	4.2407239	17467	4.2422183	17527	4.2437076	17587	4.2451918	17647	4.2466709
17408	4.2407489	17468	4.2422432	17528	4.2437324	17588	4.2452165	17648	4.2466955
17409	4.2407738	17469	4.2422680	17529	4.2437571	17589	4.2452411	17649	4.2467201
17410	4.2407988	17470	4.2422929	17530	4.2437819	17590	4.2452658	17650	4.2467447
17411	4.2408237	17471	4.2423178	17531	4.2438067	17591	4.2452905	17651	4.2467693
17412	4.2408487	17472	4.2423426	17532	4.2438315	17592	4.2453152	17652	4.2467939
17413	4.2408736	17473	4.2423675	17533	4.2438562	17593	4.2453399	17653	4.2468185
17414	4.2408985	17474	4.2423923	17534	4.2438810	17594	4.2453646	17654	4.2468431
17415	4.2409235	17475	4.2424172	17535	4.2439058	17595	4.2453893	17655	4.2468677
17416	4.2409484	17476	4.2424420	17536	4.2439305	17596	4.2454139	17656	4.2468923
17417	4.2409733	17477	4.2424669	17537	4.2439553	17597	4.2454386	17657	4.2469169
17418	4.2409983	17478	4.2424917	17538	4.2439801	17598	4.2454633	17658	4.2469415
17419	4.2410232	17479	4.2425166	17539	4.2440048	17599	4.2454880	17659	4.2469661
17420	4.2410482	17480	4.2425414	17540	4.2440296	17600	4.2455127	17660	4.2469907
17421	4.2410731	17481	4.2425663	17541	4.2440543	17601	4.2455373	17661	4.2470153
17422	4.2410980	17482	4.2425911	17542	4.2440791	17602	4.2455620	17662	4.2470399
17423	4.2411229	17483	4.2426160	17543	4.2441039	17603	4.2455867	17663	4.2470645
17424	4.2411479	17484	4.2426408	17544	4.2441286	17604	4.2456114	17664	4.2470891
17425	4.2411728	17485	4.2426656	17545	4.2441534	17605	4.2456360	17665	4.2471136
17426	4.2411977	17486	4.2426904	17546	4.2441781	17606	4.2456606	17666	4.2471382
17427	4.2412226	17487	4.2427153	17547	4.2442029	17607	4.2456854	17667	4.2471628
17428	4.2412476	17488	4.2427401	17548	4.2442276	17608	4.2457100	17668	4.2471874
17429	4.2412725	17489	4.2427650	17549	4.2442524	17609	4.2457347	17669	4.2472120
17430	4.2412974	17490	4.2427898	17550	4.2442771	17610	4.2457594	17670	4.2472365
17431	4.2413223	17491	4.2428146	17551	4.2443019	17611	4.2457840	17671	4.2472611
17432	4.2413472	17492	4.2428395	17552	4.2443266	17612	4.2458087	17672	4.2472857
17433	4.2413721	17493	4.2428643	17553	4.2443514	17613	4.2458333	17673	4.2473103
17434	4.2413970	17494	4.2428891	17554	4.2443761	17614	4.2458580	17674	4.2473348
17435	4.2414219	17495	4.2429139	17555	4.2444008	17615	4.2458826	17675	4.2473594
17436	4.2414469	17496	4.2429388	17556	4.2444255	17616	4.2459073	17676	4.2473840
17437	4.2414718	17497	4.2429636	17557	4.2444503	17617	4.2459320	17677	4.2474086
17438	4.2414967	17498	4.2429884	17558	4.2444750	17618	4.2459566	17678	4.2474331
17439	4.2415216	17499	4.2430132	17559	4.2444998	17619	4.2459813	17679	4.2474577
17440	4.2415465	17500	4.2430380	17560	4.2445245	17620	4.2460059	17680	4.2474823
17441	4.2415714	17501	4.2430629	17561	4.2445492	17621	4.2460305	17681	4.2475068
17442	4.2415963	17502	4.2430877	17562	4.2445740	17622	4.2460552	17682	4.2475314
17443	4.2416212	17503	4.2431125	17563	4.2445987	17623	4.2460798	17683	4.2475560
17444	4.2416461	17504	4.2431373	17564	4.2446234	17624	4.2461045	17684	4.2475805
17445	4.2416710	17505	4.2431621	17565	4.2446482	17625	4.2461291	17685	4.2476051
17446	4.2416959	17506	4.2431869	17566	4.2446729	17626	4.2461537	17686	4.2476296
17447	4.2417208	17507	4.2432117	17567	4.2446976	17627	4.2461784	17687	4.2476542
17448	4.2417456	17508	4.2432365	17568	4.2447223	17628	4.2462030	17688	4.2476787
17449	4.2417705	17509	4.2432613	17569	4.2447470	17629	4.2462277	17689	4.2477033
17450	4.2417954	17510	4.2432861	17570	4.2447718	17630	4.2462523	17690	4.2477278
17451	4.2418203	17511	4.2433109	17571	4.2447965	17631	4.2462770	17691	4.2477524
17452	4.2418452	17512	4.2433357	17572	4.2448212	17632	4.2463016	17692	4.2477769
17453	4.2418701	17513	4.2433605	17573	4.2448459	17633	4.2463262	17693	4.2478015
17454	4.2418950	17514	4.2433853	17574	4.2448706	17634	4.2463508	17694	4.2478260
17455	4.2419199	17515	4.2434101	17575	4.2448953	17635	4.2463755	17695	4.2478506
17456	4.2419447	17516	4.2434349	17576	4.2449200	17636	4.2464001	17696	4.2478751
17457	4.2419696	17517	4.2434597	17577	4.2449447	17637	4.2464247	17697	4.2478997
17458	4.2419945	17518	4.2434845	17578	4.2449695	17638	4.2464493	17698	4.2479242
17459	4.2420194	17519	4.2435093	17579	4.2449942	17639	4.2464740	17699	4.2479487
17460	4.2420442	17520	4.2435341	17580	4.2450189	17640	4.2464986	17700	4.2479733

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
17701	4. 2479978	17761	4. 2494674	17821	4. 2509321	17881	4. 2523918	17941	4. 2538466
17702	4. 2480223	17762	4. 2494919	17822	4. 2509564	17882	4. 2524160	17942	4. 2538708
17703	4. 2480469	17763	4. 2495163	17823	4. 2509808	17883	4. 2524404	17943	4. 2538951
17704	4. 2480714	17764	4. 2495408	17824	4. 2510052	17884	4. 2524647	17944	4. 2539193
17705	4. 2480955	17765	4. 2495652	17825	4. 2510295	17885	4. 2524889	17945	4. 2539435
17706	4. 2481205	17766	4. 2495897	17826	4. 2510539	17886	4. 2525132	17946	4. 2539677
17707	4. 2481450	17767	4. 2496141	17827	4. 2510783	17887	4. 2525375	17947	4. 2539919
17708	4. 2481695	17768	4. 2496385	17828	4. 2511026	17888	4. 2525618	17948	4. 2540161
17709	4. 2481940	17769	4. 2496630	17829	4. 2511270	17889	4. 2525861	17949	4. 2540403
17710	4. 2482186	17770	4. 2496874	17830	4. 2511513	17890	4. 2526103	17950	4. 2540645
17711	4. 2482431	17771	4. 2497119	17831	4. 2511757	17891	4. 2526346	17951	4. 2540886
17712	4. 2482676	17772	4. 2497363	17832	4. 2512000	17892	4. 2526589	17952	4. 2541128
17713	4. 2482921	17773	4. 2497607	17833	4. 2512244	17893	4. 2526832	17953	4. 2541370
17714	4. 2483166	17774	4. 2497852	17834	4. 2512488	17894	4. 2527074	17954	4. 2541612
17715	4. 2483412	17775	4. 2498096	17835	4. 2512731	17895	4. 2527317	17955	4. 2541854
17716	4. 2483657	17776	4. 2498340	17836	4. 2512975	17896	4. 2527560	17956	4. 2542096
17717	4. 2483902	17777	4. 2498585	17837	4. 2513218	17897	4. 2527802	17957	4. 2542338
17718	4. 2484147	17778	4. 2498829	17838	4. 2513462	17898	4. 2528045	17958	4. 2542580
17719	4. 2484392	17779	4. 2499073	17839	4. 2513705	17899	4. 2528288	17959	4. 2542821
17720	4. 2484637	17780	4. 2499318	17840	4. 2513949	17900	4. 2528530	17960	4. 2543063
17721	4. 2484882	17781	4. 2499562	17841	4. 2514192	17901	4. 2528773	17961	4. 2543305
17722	4. 2485127	17782	4. 2499806	17842	4. 2514435	17902	4. 2529016	17962	4. 2543547
17723	4. 2485372	17783	4. 2500050	17843	4. 2514679	17903	4. 2529258	17963	4. 2543789
17724	4. 2485617	17784	4. 2500294	17844	4. 2514922	17904	4. 2529501	17964	4. 2544030
17725	4. 2485862	17785	4. 2500539	17845	4. 2515166	17905	4. 2529743	17965	4. 2544272
17726	4. 2486107	17786	4. 2500783	17846	4. 2515409	17906	4. 2529986	17966	4. 2544514
17727	4. 2486352	17787	4. 2501027	17847	4. 2515652	17907	4. 2530228	17967	4. 2544756
17728	4. 2486597	17788	4. 2501271	17848	4. 2515896	17908	4. 2530471	17968	4. 2544997
17729	4. 2486842	17789	4. 2501515	17849	4. 2516139	17909	4. 2530713	17969	4. 2545239
17730	4. 2487087	17790	4. 2501759	17850	4. 2516382	17910	4. 2530956	17970	4. 2545481
17731	4. 2487332	17791	4. 2502003	17851	4. 2516625	17911	4. 2531198	17971	4. 2545722
17732	4. 2487577	17792	4. 2502248	17852	4. 2516869	17912	4. 2531441	17972	4. 2545964
17733	4. 2487822	17793	4. 2502492	17853	4. 2517112	17913	4. 2531683	17973	4. 2546206
17734	4. 2488067	17794	4. 2502736	17854	4. 2517355	17914	4. 2531926	17974	4. 2546447
17735	4. 2488311	17795	4. 2502980	17855	4. 2517599	17915	4. 2532168	17975	4. 2546689
17736	4. 2488556	17796	4. 2503224	17856	4. 2517842	17916	4. 2532411	17976	4. 2546931
17737	4. 2488802	17797	4. 2503468	17857	4. 2518085	17917	4. 2532653	17977	4. 2547172
17738	4. 2489047	17798	4. 2503712	17858	4. 2518328	17918	4. 2532895	17978	4. 2547414
17739	4. 2489291	17799	4. 2503956	17859	4. 2518571	17919	4. 2533138	17979	4. 2547655
17740	4. 2489536	17800	4. 2504200	17860	4. 2518815	17920	4. 2533380	17980	4. 2547897
17741	4. 2489781	17801	4. 2504444	17861	4. 2519058	17921	4. 2533622	17981	4. 2548138
17742	4. 2490026	17802	4. 2504688	17862	4. 2519300	17922	4. 2533865	17982	4. 2548380
17743	4. 2490271	17803	4. 2504932	17863	4. 2519544	17923	4. 2534107	17983	4. 2548621
17744	4. 2490515	17804	4. 2505176	17864	4. 2519787	17924	4. 2534349	17984	4. 2548863
17745	4. 2490760	17805	4. 2505420	17865	4. 2520030	17925	4. 2534592	17985	4. 2549104
17746	4. 2491004	17806	4. 2505664	17866	4. 2520273	17926	4. 2534834	17986	4. 2549346
17747	4. 2491249	17807	4. 2505908	17867	4. 2520516	17927	4. 2535076	17987	4. 2549587
17748	4. 2491494	17808	4. 2506151	17868	4. 2520759	17928	4. 2535318	17988	4. 2549829
17749	4. 2491739	17809	4. 2506395	17869	4. 2521002	17929	4. 2535561	17989	4. 2550070
17750	4. 2491983	17810	4. 2506639	17870	4. 2521246	17930	4. 2535803	17990	4. 2550312
17751	4. 2492228	17811	4. 2506883	17871	4. 2521489	17931	4. 2536045	17991	4. 2550553
17752	4. 2492473	17812	4. 2507127	17872	4. 2521732	17932	4. 2536287	17992	4. 2550794
17753	4. 2492717	17813	4. 2507371	17873	4. 2521975	17933	4. 2536529	17993	4. 2551036
17754	4. 2492962	17814	4. 2507614	17874	4. 2522217	17934	4. 2536772	17994	4. 2551277
17755	4. 2493207	17815	4. 2507858	17875	4. 2522460	17935	4. 2537014	17995	4. 2551519
17756	4. 2493451	17816	4. 2508102	17876	4. 2522703	17936	4. 2537256	17996	4. 2551760
17757	4. 2493696	17817	4. 2508346	17877	4. 2522946	17937	4. 2537498	17997	4. 2552001
17758	4. 2493941	17818	4. 2508590	17878	4. 2523189	17938	4. 2537740	17998	4. 2552242
17759	4. 2494185	17819	4. 2508833	17879	4. 2523432	17939	4. 2537982	17999	4. 2552484
17760	4. 2494430	17820	4. 2509077	17880	4. 2523675	17940	4. 2538224	18000	4. 2552725

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
18001	4.2552966	18061	4.2567418	18121	4.2581822	18181	4.2596178	18241	4.2610486
18002	4.2553206	18062	4.2567658	18122	4.2582061	18182	4.2596422	18242	4.2610724
18003	4.2553449	18063	4.2567899	18123	4.2582301	18183	4.2596655	18243	4.2610963
18004	4.2553690	18064	4.2568139	18124	4.2582540	18184	4.2596894	18244	4.2611201
18005	4.2553931	18065	4.2568380	18125	4.2582780	18185	4.2597133	18245	4.2611439
18006	4.2554172	18066	4.2568620	18126	4.2583020	18186	4.2597372	18246	4.2611677
18007	4.2554414	18067	4.2568860	18127	4.2583259	18187	4.2597611	18247	4.2611915
18008	4.2554655	18068	4.2569101	18128	4.2583499	18188	4.2597849	18248	4.2612153
18009	4.2554896	18069	4.2569341	18129	4.2583738	18189	4.2598088	18249	4.2612391
18010	4.2555137	18070	4.2569582	18130	4.2583978	18190	4.2598327	18250	4.2612629
18011	4.2555378	18071	4.2569822	18131	4.2584218	18191	4.2598566	18251	4.2612867
18012	4.2555619	18072	4.2570062	18132	4.2584457	18192	4.2598804	18252	4.2613105
18013	4.2555860	18073	4.2570302	18133	4.2584697	18193	4.2599043	18253	4.2613343
18014	4.2556102	18074	4.2570543	18134	4.2584936	18194	4.2599282	18254	4.2613580
18015	4.2556343	18075	4.2570783	18135	4.2585176	18195	4.2599521	18255	4.2613818
18016	4.2556584	18076	4.2571023	18136	4.2585415	18196	4.2599759	18256	4.2614056
18017	4.2556825	18077	4.2571264	18137	4.2585654	18197	4.2599998	18257	4.2614294
18018	4.2557066	18078	4.2571504	18138	4.2585894	18198	4.2600237	18258	4.2614532
18019	4.2557307	18079	4.2571744	18139	4.2586133	18199	4.2600475	18259	4.2614770
18020	4.2557548	18080	4.2571984	18140	4.2586373	18200	4.2600714	18260	4.2615008
18021	4.2557789	18081	4.2572224	18141	4.2586612	18201	4.2600952	18261	4.2615246
18022	4.2558030	18082	4.2572465	18142	4.2586852	18202	4.2601191	18262	4.2615483
18023	4.2558271	18083	4.2572705	18143	4.2587091	18203	4.2601430	18263	4.2615721
18024	4.2558512	18084	4.2572945	18144	4.2587330	18204	4.2601668	18264	4.2615959
18025	4.2558753	18085	4.2573185	18145	4.2587570	18205	4.2601906	18265	4.2616197
18026	4.2558994	18086	4.2573425	18146	4.2587809	18206	4.2602145	18266	4.2616434
18027	4.2559235	18087	4.2573665	18147	4.2588048	18207	4.2602384	18267	4.2616672
18028	4.2559475	18088	4.2573905	18148	4.2588288	18208	4.2602622	18268	4.2616910
18029	4.2559716	18089	4.2574146	18149	4.2588527	18209	4.2602861	18269	4.2617148
18030	4.2559957	18090	4.2574386	18150	4.2588766	18210	4.2603099	18270	4.2617385
18031	4.2560198	18091	4.2574626	18151	4.2589006	18211	4.2603338	18271	4.2617623
18032	4.2560439	18092	4.2574866	18152	4.2589245	18212	4.2603576	18272	4.2617861
18033	4.2560680	18093	4.2575106	18153	4.2589484	18213	4.2603815	18273	4.2618099
18034	4.2560921	18094	4.2575346	18154	4.2589723	18214	4.2604053	18274	4.2618336
18035	4.2561161	18095	4.2575586	18155	4.2589963	18215	4.2604292	18275	4.2618574
18036	4.2561402	18096	4.2575826	18156	4.2590202	18216	4.2604530	18276	4.2618811
18037	4.2561643	18097	4.2576066	18157	4.2590441	18217	4.2604769	18277	4.2619049
18038	4.2561883	18098	4.2576306	18158	4.2590680	18218	4.2605007	18278	4.2619287
18039	4.2562125	18099	4.2576546	18159	4.2590919	18219	4.2605245	18279	4.2619524
18040	4.2562365	18100	4.2576786	18160	4.2591158	18220	4.2605484	18280	4.2619762
18041	4.2562606	18101	4.2577026	18161	4.2591398	18221	4.2605722	18281	4.2619999
18042	4.2562847	18102	4.2577266	18162	4.2591637	18222	4.2605960	18282	4.2620237
18043	4.2563087	18103	4.2577505	18163	4.2591876	18223	4.2606199	18283	4.2620475
18044	4.2563328	18104	4.2577745	18164	4.2592115	18224	4.2606437	18284	4.2620712
18045	4.2563569	18105	4.2577985	18165	4.2592354	18225	4.2606675	18285	4.2620950
18046	4.2563810	18106	4.2578225	18166	4.2592593	18226	4.2606914	18286	4.2621187
18047	4.2564050	18107	4.2578465	18167	4.2592832	18227	4.2607152	18287	4.2621425
18048	4.2564291	18108	4.2578705	18168	4.2593071	18228	4.2607391	18288	4.2621662
18049	4.2564531	18109	4.2578945	18169	4.2593310	18229	4.2607628	18289	4.2621900
18050	4.2564772	18110	4.2579185	18170	4.2593549	18230	4.2607867	18290	4.2622137
18051	4.2565013	18111	4.2579424	18171	4.2593788	18231	4.2608105	18291	4.2622374
18052	4.2565253	18112	4.2579664	18172	4.2594027	18232	4.2608343	18292	4.2622612
18053	4.2565494	18113	4.2579904	18173	4.2594266	18233	4.2608581	18293	4.2622849
18054	4.2565734	18114	4.2580144	18174	4.2594505	18234	4.2608820	18294	4.2623087
18055	4.2565975	18115	4.2580383	18175	4.2594744	18235	4.2609058	18295	4.2623324
18056	4.2566215	18116	4.2580623	18176	4.2594983	18236	4.2609296	18296	4.2623561
18057	4.2566456	18117	4.2580863	18177	4.2595222	18237	4.2609534	18297	4.2623799
18058	4.2566696	18118	4.2581103	18178	4.2595460	18238	4.2609772	18298	4.2624036
18059	4.2566937	18119	4.2581342	18179	4.2595700	18239	4.2610010	18299	4.2624274
18060	4.2567177	18120	4.2581582	18180	4.2595939	18240	4.2610248	18300	4.2624511

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
18301	4.2624748	18361	4.2638963	18421	4.2653132	18481	4.2667255	18541	4.2681332
18302	4.2624985	18362	4.2639200	18422	4.2653368	18482	4.2667489	18542	4.2681566
18303	4.2625223	18363	4.2639436	18423	4.2653605	18483	4.2667725	18543	4.2681800
18304	4.2625460	18364	4.2639673	18424	4.2653839	18484	4.2667960	18544	4.2682034
18305	4.2625697	18365	4.2639909	18425	4.2654074	18485	4.2668195	18545	4.2682268
18306	4.2625935	18366	4.2640146	18426	4.2654311	18486	4.2668429	18546	4.2682503
18307	4.2626172	18367	4.2640382	18427	4.2654546	18487	4.2668664	18547	4.2682737
18308	4.2626409	18368	4.2640619	18428	4.2654782	18488	4.2668899	18548	4.2682971
18309	4.2626646	18369	4.2640855	18429	4.2655017	18489	4.2669134	18549	4.2683205
18310	4.2626883	18370	4.2641092	18430	4.2655253	18490	4.2669369	18550	4.2683439
18311	4.2627121	18371	4.2641328	18431	4.2655489	18491	4.2669604	18551	4.2683673
18312	4.2627358	18372	4.2641564	18432	4.2655725	18492	4.2669839	18552	4.2683907
18313	4.2627595	18373	4.2641801	18433	4.2655960	18493	4.2670074	18553	4.2684141
18314	4.2627832	18374	4.2642037	18434	4.2656196	18494	4.2670309	18554	4.2684376
18315	4.2628069	18375	4.2642273	18435	4.2656431	18495	4.2670543	18555	4.2684610
18316	4.2628306	18376	4.2642510	18436	4.2656667	18496	4.2670778	18556	4.2684844
18317	4.2628543	18377	4.2642746	18437	4.2656903	18497	4.2671013	18557	4.2685078
18318	4.2628780	18378	4.2642982	18438	4.2657138	18498	4.2671248	18558	4.2685312
18319	4.2629017	18379	4.2643219	18439	4.2657374	18499	4.2671483	18559	4.2685546
18320	4.2629255	18380	4.2643455	18440	4.2657609	18500	4.2671717	18560	4.2685780
18321	4.2629492	18381	4.2643691	18441	4.2657845	18501	4.2671952	18561	4.2686013
18322	4.2629729	18382	4.2643928	18442	4.2658080	18502	4.2672187	18562	4.2686247
18323	4.2629966	18383	4.2644164	18443	4.2658316	18503	4.2672421	18563	4.2686481
18324	4.2630203	18384	4.2644400	18444	4.2658551	18504	4.2672656	18564	4.2686715
18325	4.2630440	18385	4.2644636	18445	4.2658787	18505	4.2672891	18565	4.2686949
18326	4.2630677	18386	4.2644872	18446	4.2659022	18506	4.2673126	18566	4.2687183
18327	4.2630914	18387	4.2645109	18447	4.2659257	18507	4.2673360	18567	4.2687417
18328	4.2631151	18388	4.2645345	18448	4.2659493	18508	4.2673593	18568	4.2687651
18329	4.2631388	18389	4.2645581	18449	4.2659728	18509	4.2673830	18569	4.2687885
18330	4.2631625	18390	4.2645817	18450	4.2659964	18510	4.2674064	18570	4.2688119
18331	4.2631862	18391	4.2646053	18451	4.2660196	18511	4.2674299	18571	4.2688352
18332	4.2632098	18392	4.2646290	18452	4.2660431	18512	4.2674533	18572	4.2688587
18333	4.2632335	18393	4.2646526	18453	4.2660666	18513	4.2674768	18573	4.2688821
18334	4.2632572	18394	4.2646762	18454	4.2660902	18514	4.2675003	18574	4.2689054
18335	4.2632809	18395	4.2646998	18455	4.2661137	18515	4.2675237	18575	4.2689288
18336	4.2633046	18396	4.2647234	18456	4.2661372	18516	4.2675472	18576	4.2689522
18337	4.2633283	18397	4.2647470	18457	4.2661607	18517	4.2675706	18577	4.2689756
18338	4.2633520	18398	4.2647706	18458	4.2661843	18518	4.2675941	18578	4.2689990
18339	4.2633756	18399	4.2647942	18459	4.2662078	18519	4.2676175	18579	4.2690223
18340	4.2633993	18400	4.2648178	18460	4.2662313	18520	4.2676410	18580	4.2690457
18341	4.2634230	18401	4.2648414	18461	4.2662548	18521	4.2676644	18581	4.2690691
18342	4.2634466	18402	4.2648650	18462	4.2662787	18522	4.2676879	18582	4.2690925
18343	4.2634704	18403	4.2648886	18463	4.2663023	18523	4.2677113	18583	4.2691158
18344	4.2634940	18404	4.2649122	18464	4.2663258	18524	4.2677348	18584	4.2691392
18345	4.2635177	18405	4.2649358	18465	4.2663493	18525	4.2677582	18585	4.2691626
18346	4.2635414	18406	4.2649594	18466	4.2663728	18526	4.2677817	18586	4.2691859
18347	4.2635651	18407	4.2649830	18467	4.2663963	18527	4.2678051	18587	4.2692093
18348	4.2635887	18408	4.2650066	18468	4.2664199	18528	4.2678285	18588	4.2692327
18349	4.2636124	18409	4.2650302	18469	4.2664434	18529	4.2678520	18589	4.2692561
18350	4.2636361	18410	4.2650538	18470	4.2664669	18530	4.2678754	18590	4.2692794
18351	4.2636597	18411	4.2650774	18471	4.2664904	18531	4.2678989	18591	4.2693027
18352	4.2636834	18412	4.2651010	18472	4.2665139	18532	4.2679223	18592	4.2693261
18353	4.2637071	18413	4.2651245	18473	4.2665374	18533	4.2679457	18593	4.2693495
18354	4.2637307	18414	4.2651481	18474	4.2665609	18534	4.2679692	18594	4.2693728
18355	4.2637544	18415	4.2651717	18475	4.2665844	18535	4.2679926	18595	4.2693962
18356	4.2637780	18416	4.2651953	18476	4.2666080	18536	4.2680160	18596	4.2694195
18357	4.2638017	18417	4.2652188	18477	4.2666315	18537	4.2680394	18597	4.2694429
18358	4.2638254	18418	4.2652425	18478	4.2666550	18538	4.2680629	18598	4.2694662
18359	4.2638490	18419	4.2652660	18479	4.2666785	18539	4.2680863	18599	4.2694896
18360	4.2638727	18420	4.2652896	18480	4.2667020	18540	4.2681097	18600	4.2695129

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
18601	4.2695363	18661	4.2709349	18721	4.2723290	18781	4.2737187	18841	4.2751039
18602	4.2695596	18662	4.2709582	18722	4.2723522	18782	4.2737418	18842	4.2751270
18603	4.2695830	18663	4.2709815	18723	4.2723754	18783	4.2737650	18843	4.2751500
18604	4.2696063	18664	4.2710047	18724	4.2723986	18784	4.2737881	18844	4.2751731
18605	4.2696297	18665	4.2710280	18725	4.2724218	18785	4.2738112	18845	4.2751961
18606	4.2696530	18666	4.2710513	18726	4.2724450	18786	4.2738343	18846	4.2752192
18607	4.2696764	18667	4.2710745	18727	4.2724682	18787	4.2738574	18847	4.2752422
18608	4.2696997	18668	4.2710978	18728	4.2724914	18788	4.2738805	18848	4.2752653
18609	4.2697230	18669	4.2711211	18729	4.2725146	18789	4.2739037	18849	4.2752883
18610	4.2697464	18670	4.2711443	18730	4.2725378	18790	4.2739268	18850	4.2753114
18611	4.2697697	18671	4.2711676	18731	4.2725610	18791	4.2739499	18851	4.2753344
18612	4.2697930	18672	4.2711908	18732	4.2725841	18792	4.2739730	18852	4.2753574
18613	4.2698164	18673	4.2712141	18733	4.2726073	18793	4.2739961	18853	4.2753805
18614	4.2698397	18674	4.2712374	18734	4.2726305	18794	4.2740192	18854	4.2754035
18615	4.2698630	18675	4.2712606	18735	4.2726537	18795	4.2740423	18855	4.2754265
18616	4.2698864	18676	4.2712839	18736	4.2726769	18796	4.2740654	18856	4.2754496
18617	4.2699097	18677	4.2713071	18737	4.2727001	18797	4.2740885	18857	4.2754726
18618	4.2699330	18678	4.2713304	18738	4.2727232	18798	4.2741116	18858	4.2754956
18619	4.2699564	18679	4.2713536	18739	4.2727464	18799	4.2741347	18859	4.2755187
18620	4.2699797	18680	4.2713769	18740	4.2727696	18800	4.2741578	18860	4.2755417
18621	4.2700030	18681	4.2714001	18741	4.2727928	18801	4.2741809	18861	4.2755647
18622	4.2700263	18682	4.2714234	18742	4.2728159	18802	4.2742040	18862	4.2755877
18623	4.2700496	18683	4.2714466	18743	4.2728391	18803	4.2742271	18863	4.2756108
18624	4.2700730	18684	4.2714699	18744	4.2728623	18804	4.2742502	18864	4.2756338
18625	4.2700963	18685	4.2714931	18745	4.2728854	18805	4.2742733	18865	4.2756568
18626	4.2701195	18686	4.2715163	18746	4.2729086	18806	4.2742964	18866	4.2756798
18627	4.2701429	18687	4.2715396	18747	4.2729318	18807	4.2743195	18867	4.2757028
18628	4.2701662	18688	4.2715628	18748	4.2729549	18808	4.2743426	18868	4.2757259
18629	4.2701895	18689	4.2715861	18749	4.2729781	18809	4.2743657	18869	4.2757489
18630	4.2702129	18690	4.2716093	18750	4.2730013	18810	4.2743888	18870	4.2757719
18631	4.2702362	18691	4.2716325	18751	4.2730244	18811	4.2744118	18871	4.2757949
18632	4.2702595	18692	4.2716558	18752	4.2730476	18812	4.2744350	18872	4.2758179
18633	4.2702828	18693	4.2716790	18753	4.2730707	18813	4.2744581	18873	4.2758409
18634	4.2703061	18694	4.2717022	18754	4.2730939	18814	4.2744811	18874	4.2758639
18635	4.2703294	18695	4.2717255	18755	4.2731171	18815	4.2745042	18875	4.2758870
18636	4.2703527	18696	4.2717487	18756	4.2731403	18816	4.2745273	18876	4.2759100
18637	4.2703760	18697	4.2717719	18757	4.2731635	18817	4.2745504	18877	4.2759330
18638	4.2703993	18698	4.2717952	18758	4.2731867	18818	4.2745735	18878	4.2759560
18639	4.2704226	18699	4.2718184	18759	4.2732099	18819	4.2745966	18879	4.2759790
18640	4.2704459	18700	4.2718416	18760	4.2732331	18820	4.2746196	18880	4.2760020
18641	4.2704692	18701	4.2718648	18761	4.2732563	18821	4.2746427	18881	4.2760250
18642	4.2704925	18702	4.2718881	18762	4.2732795	18822	4.2746658	18882	4.2760480
18643	4.2705158	18703	4.2719113	18763	4.2733027	18823	4.2746888	18883	4.2760710
18644	4.2705391	18704	4.2719345	18764	4.2733259	18824	4.2747119	18884	4.2760940
18645	4.2705624	18705	4.2719577	18765	4.2733491	18825	4.2747350	18885	4.2761170
18646	4.2705857	18706	4.2719809	18766	4.2733723	18826	4.2747581	18886	4.2761400
18647	4.2706090	18707	4.2720041	18767	4.2733955	18827	4.2747811	18887	4.2761630
18648	4.2706323	18708	4.2720274	18768	4.2734187	18828	4.2748042	18888	4.2761860
18649	4.2706555	18709	4.2720506	18769	4.2734419	18829	4.2748273	18889	4.2762090
18650	4.2706788	18710	4.2720738	18770	4.2734651	18830	4.2748503	18890	4.2762320
18651	4.2707021	18711	4.2720970	18771	4.2734883	18831	4.2748733	18891	4.2762549
18652	4.2707254	18712	4.2721202	18772	4.2735115	18832	4.2748964	18892	4.2762779
18653	4.2707487	18713	4.2721434	18773	4.2735347	18833	4.2749195	18893	4.2763009
18654	4.2707720	18714	4.2721666	18774	4.2735579	18834	4.2749426	18894	4.2763239
18655	4.2707952	18715	4.2721898	18775	4.2735811	18835	4.2749656	18895	4.2763469
18656	4.2708185	18716	4.2722130	18776	4.2736043	18836	4.2749887	18896	4.2763699
18657	4.2708418	18717	4.2722362	18777	4.2736275	18837	4.2750117	18897	4.2763929
18658	4.2708651	18718	4.2722594	18778	4.2736507	18838	4.2750348	18898	4.2764158
18659	4.2708884	18719	4.2722826	18779	4.2736739	18839	4.2750578	18899	4.2764388
18660	4.2709116	18720	4.2723058	18780	4.2736971	18840	4.2750809	18900	4.2764618

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
19201	4.2833238	19261	4.2846788	19321	4.2860296	19381	4.2873762	19441	4.2887186
19202	4.2833465	19262	4.2847014	19322	4.2860521	19382	4.2873686	19442	4.2887409
19203	4.2833691	19263	4.2847239	19323	4.2860745	19383	4.2874210	19443	4.2887633
19204	4.2833917	19264	4.2847464	19324	4.2860970	19384	4.2874434	19444	4.2887856
19205	4.2834143	19265	4.2847690	19325	4.2861195	19385	4.2874658	19445	4.2888079
19206	4.2834369	19266	4.2847616	19326	4.2861420	19386	4.2874882	19446	4.2888303
19207	4.2834595	19267	4.2848141	19327	4.2861644	19387	4.2875106	19447	4.2888526
19208	4.2834821	19268	4.2848366	19328	4.2861869	19388	4.2875330	19448	4.2888749
19209	4.2835048	19269	4.2848592	19329	4.2862094	19389	4.2875554	19449	4.2888973
19210	4.2835274	19270	4.2848817	19330	4.2862319	19390	4.2875778	19450	4.2889196
19211	4.2835500	19271	4.2849042	19331	4.2862543	19391	4.2876002	19451	4.2889419
19212	4.2835726	19272	4.2849267	19332	4.2862768	19392	4.2876226	19452	4.2889643
19213	4.2835952	19273	4.2849493	19333	4.2862993	19393	4.2876450	19453	4.2889866
19214	4.2836178	19274	4.2849719	19334	4.2863217	19394	4.2876674	19454	4.2890089
19215	4.2836404	19275	4.2849944	19335	4.2863442	19395	4.2876898	19455	4.2890312
19216	4.2836630	19276	4.2850169	19336	4.2863666	19396	4.2877122	19456	4.2890536
19217	4.2836856	19277	4.2850394	19337	4.2863891	19397	4.2877346	19457	4.2890759
19218	4.2837082	19278	4.2850620	19338	4.2864116	19398	4.2877570	19458	4.2890982
19219	4.2837308	19279	4.2850845	19339	4.2864340	19399	4.2877793	19459	4.2891205
19220	4.2837534	19280	4.2851070	19340	4.2864565	19400	4.2878017	19460	4.2891428
19221	4.2837760	19281	4.2851296	19341	4.2864789	19401	4.2878241	19461	4.2891651
19222	4.2837986	19282	4.2851521	19342	4.2865014	19402	4.2878465	19462	4.2891875
19223	4.2838212	19283	4.2851746	19343	4.2865238	19403	4.2878689	19463	4.2892098
19224	4.2838438	19284	4.2851971	19344	4.2865463	19404	4.2878913	19464	4.2892321
19225	4.2838663	19285	4.2852196	19345	4.2865687	19405	4.2879136	19465	4.2892544
19226	4.2838889	19286	4.2852422	19346	4.2865912	19406	4.2879360	19466	4.2892767
19227	4.2839115	19287	4.2852647	19347	4.2866136	19407	4.2879584	19467	4.2892990
19228	4.2839341	19288	4.2852872	19348	4.2866361	19408	4.2879808	19468	4.2893213
19229	4.2839567	19289	4.2853097	19349	4.2866585	19409	4.2880032	19469	4.2893436
19230	4.2839793	19290	4.2853322	19350	4.2866810	19410	4.2880255	19470	4.2893659
19231	4.2840019	19291	4.2853547	19351	4.2867034	19411	4.2880479	19471	4.2893883
19232	4.2840244	19292	4.2853772	19352	4.2867259	19412	4.2880703	19472	4.2894106
19233	4.2840470	19293	4.2853998	19353	4.2867483	19413	4.2880927	19473	4.2894328
19234	4.2840696	19294	4.2854223	19354	4.2867707	19414	4.2881150	19474	4.2894552
19235	4.2840922	19295	4.2854448	19355	4.2867932	19415	4.2881374	19475	4.2894774
19236	4.2841148	19296	4.2854672	19356	4.2868156	19416	4.2881598	19476	4.2894998
19237	4.2841373	19297	4.2854898	19357	4.2868381	19417	4.2881821	19477	4.2895221
19238	4.2841599	19298	4.2855123	19358	4.2868605	19418	4.2882045	19478	4.2895444
19239	4.2841825	19299	4.2855348	19359	4.2868829	19419	4.2882269	19479	4.2895667
19240	4.2842051	19300	4.2855573	19360	4.2869053	19420	4.2882492	19480	4.2895890
19241	4.2842276	19301	4.2855798	19361	4.2869278	19421	4.2882716	19481	4.2896112
19242	4.2842502	19302	4.2856023	19362	4.2869502	19422	4.2882939	19482	4.2896335
19243	4.2842727	19303	4.2856248	19363	4.2869726	19423	4.2883163	19483	4.2896558
19244	4.2842953	19304	4.2856473	19364	4.2869951	19424	4.2883387	19484	4.2896781
19245	4.2843179	19305	4.2856698	19365	4.2870175	19425	4.2883610	19485	4.2897004
19246	4.2843405	19306	4.2856923	19366	4.2870399	19426	4.2883834	19486	4.2897227
19247	4.2843630	19307	4.2857148	19367	4.2870623	19427	4.2884057	19487	4.2897450
19248	4.2843856	19308	4.2857373	19368	4.2870848	19428	4.2884281	19488	4.2897673
19249	4.2844082	19309	4.2857598	19369	4.2871072	19429	4.2884504	19489	4.2897896
19250	4.2844307	19310	4.2857823	19370	4.2871296	19430	4.2884728	19490	4.2898118
19251	4.2844532	19311	4.2858048	19371	4.2871520	19431	4.2884951	19491	4.2898341
19252	4.2844759	19312	4.2858273	19372	4.2871745	19432	4.2885175	19492	4.2898564
19253	4.2844984	19313	4.2858497	19373	4.2871968	19433	4.2885398	19493	4.2898787
19254	4.2845210	19314	4.2858722	19374	4.2872193	19434	4.2885622	19494	4.2899010
19255	4.2845435	19315	4.2858947	19375	4.2872417	19435	4.2885845	19495	4.2899233
19256	4.2845661	19316	4.2859172	19376	4.2872641	19436	4.2886069	19496	4.2899455
19257	4.2845887	19317	4.2859397	19377	4.2872865	19437	4.2886292	19497	4.2899678
19258	4.2846112	19318	4.2859622	19378	4.2873090	19438	4.2886516	19498	4.2899901
19259	4.2846337	19319	4.2859846	19379	4.2873314	19439	4.2886739	19499	4.2900123
19260	4.2846563	19320	4.2860071	19380	4.2873538	19440	4.2886963	19500	4.2900346

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
19501	4.2900569	19561	4.2913910	19621	4.2927211	19681	4.2940472	19741	4.2953691
19502	4.2900791	19562	4.2914133	19622	4.2927433	19682	4.2940692	19742	4.2953911
19503	4.2901014	19563	4.2914355	19623	4.2927654	19683	4.2940913	19743	4.2954131
19504	4.2901237	19564	4.2914577	19624	4.2927875	19684	4.2941134	19744	4.2954351
19505	4.2901460	19565	4.2914798	19625	4.2928097	19685	4.2941354	19745	4.2954571
19506	4.2901682	19566	4.2915020	19626	4.2928318	19686	4.2941575	19746	4.2954791
19507	4.2901905	19567	4.2915242	19627	4.2928539	19687	4.2941795	19747	4.2955011
19508	4.2902127	19568	4.2915464	19628	4.2928760	19688	4.2942016	19748	4.2955231
19509	4.2902350	19569	4.2915686	19629	4.2928982	19689	4.2942237	19749	4.2955451
19510	4.2902573	19570	4.2915908	19630	4.2929203	19690	4.2942457	19750	4.2955671
19511	4.2902795	19571	4.2916130	19631	4.2929424	19691	4.2942678	19751	4.2955891
19512	4.2903018	19572	4.2916352	19632	4.2929645	19692	4.2942898	19752	4.2956111
19513	4.2903240	19573	4.2916573	19633	4.2929867	19693	4.2943119	19753	4.2956331
19514	4.2903463	19574	4.2916796	19634	4.2930088	19694	4.2943339	19754	4.2956550
19515	4.2903686	19575	4.2917018	19635	4.2930309	19695	4.2943560	19755	4.2956770
19516	4.2903908	19576	4.2917240	19636	4.2930530	19696	4.2943780	19756	4.2956990
19517	4.2904131	19577	4.2917461	19637	4.2930751	19697	4.2944001	19757	4.2957210
19518	4.2904353	19578	4.2917683	19638	4.2930973	19698	4.2944221	19758	4.2957430
19519	4.2904575	19579	4.2917905	19639	4.2931194	19699	4.2944442	19759	4.2957650
19520	4.2904798	19580	4.2918127	19640	4.2931415	19700	4.2944662	19760	4.2957869
19521	4.2905021	19581	4.2918349	19641	4.2931636	19701	4.2944883	19761	4.2958089
19522	4.2905243	19582	4.2918570	19642	4.2931857	19702	4.2945103	19762	4.2958308
19523	4.2905467	19583	4.2918792	19643	4.2932078	19703	4.2945324	19763	4.2958529
19524	4.2905688	19584	4.2919014	19644	4.2932299	19704	4.2945544	19764	4.2958748
19525	4.2905910	19585	4.2919236	19645	4.2932520	19705	4.2945764	19765	4.2958968
19526	4.2906133	19586	4.2919457	19646	4.2932741	19706	4.2945985	19766	4.2959188
19527	4.2906355	19587	4.2919679	19647	4.2932962	19707	4.2946205	19767	4.2959408
19528	4.2906578	19588	4.2919901	19648	4.2933183	19708	4.2946425	19768	4.2959627
19529	4.2906800	19589	4.2920123	19649	4.2933404	19709	4.2946646	19769	4.2959847
19530	4.2907022	19590	4.2920344	19650	4.2933626	19710	4.2946866	19770	4.2960067
19531	4.2907245	19591	4.2920566	19651	4.2933847	19711	4.2947087	19771	4.2960286
19532	4.2907467	19592	4.2920788	19652	4.2934068	19712	4.2947307	19772	4.2960506
19533	4.2907690	19593	4.2921009	19653	4.2934289	19713	4.2947527	19773	4.2960726
19534	4.2907912	19594	4.2921231	19654	4.2934509	19714	4.2947747	19774	4.2960945
19535	4.2908134	19595	4.2921453	19655	4.2934730	19715	4.2947968	19775	4.2961165
19536	4.2908356	19596	4.2921674	19656	4.2934951	19716	4.2948188	19776	4.2961385
19537	4.2908579	19597	4.2921896	19657	4.2935172	19717	4.2948408	19777	4.2961604
19538	4.2908801	19598	4.2922117	19658	4.2935393	19718	4.2948629	19778	4.2961824
19539	4.2909023	19599	4.2922339	19659	4.2935614	19719	4.2948849	19779	4.2962043
19540	4.2909246	19600	4.2922561	19660	4.2935835	19720	4.2949069	19780	4.2962263
19541	4.2909468	19601	4.2922782	19661	4.2936056	19721	4.2949289	19781	4.2962482
19542	4.2909690	19602	4.2923004	19662	4.2936277	19722	4.2949510	19782	4.2962702
19543	4.2909912	19603	4.2923225	19663	4.2936498	19723	4.2949730	19783	4.2962921
19544	4.2910135	19604	4.2923447	19664	4.2936719	19724	4.2949950	19784	4.2963141
19545	4.2910357	19605	4.2923668	19665	4.2936940	19725	4.2950170	19785	4.2963361
19546	4.2910579	19606	4.2923890	19666	4.2937160	19726	4.2950390	19786	4.2963580
19547	4.2910801	19607	4.2924111	19667	4.2937381	19727	4.2950610	19787	4.2963799
19548	4.2911023	19608	4.2924333	19668	4.2937602	19728	4.2950831	19788	4.2964019
19549	4.2911245	19609	4.2924554	19669	4.2937823	19729	4.2951051	19789	4.2964238
19550	4.2911468	19610	4.2924776	19670	4.2938044	19730	4.2951271	19790	4.2964458
19551	4.2911690	19611	4.2924997	19671	4.2938264	19731	4.2951491	19791	4.2964677
19552	4.2911912	19612	4.2925219	19672	4.2938485	19732	4.2951711	19792	4.2964897
19553	4.2912134	19613	4.2925440	19673	4.2938706	19733	4.2951931	19793	4.2965116
19554	4.2912356	19614	4.2925661	19674	4.2938927	19734	4.2952151	19794	4.2965336
19555	4.2912578	19615	4.2925883	19675	4.2939147	19735	4.2952371	19795	4.2965555
19556	4.2912800	19616	4.2926104	19676	4.2939368	19736	4.2952591	19796	4.2965774
19557	4.2913022	19617	4.2926326	19677	4.2939589	19737	4.2952811	19797	4.2965994
19558	4.2913244	19618	4.2926547	19678	4.2939810	19738	4.2953031	19798	4.2966213
19559	4.2913466	19619	4.2926769	19679	4.2940030	19739	4.2953251	19799	4.2966433
19560	4.2913688	19620	4.2926990	19680	4.2940251	19740	4.2953471	19800	4.2966652

Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.	Num.	Logar.
19801	4. 2966871	19841	4. 2975636	19881	4. 2984382	19921	4. 2993111	19961	4. 3001823
19802	4. 2967091	19842	4. 2975854	19882	4. 2984601	19922	4. 2993329	19962	4. 3002040
19803	4. 2967310	19843	4. 2976073	19883	4. 2984819	19923	4. 2993547	19963	4. 3002258
19804	4. 2967529	19844	4. 2976292	19884	4. 2985038	19924	4. 2993765	19964	4. 3002476
19805	4. 2967748	19845	4. 2976511	19885	4. 2985256	19925	4. 2993983	19965	4. 3002693
19806	4. 2967968	19846	4. 2976730	19886	4. 2985474	19926	4. 2994201	19966	4. 3002911
19807	4. 2968187	19847	4. 2976949	19887	4. 2985693	19927	4. 2994419	19967	4. 3003128
19808	4. 2968406	19848	4. 2977165	19888	4. 2985911	19928	4. 2994637	19968	4. 3003346
19809	4. 2968625	19849	4. 2977386	19889	4. 2986129	19929	4. 2994855	19969	4. 3003563
19810	4. 2968845	19850	4. 2977605	19890	4. 2986348	19930	4. 2995073	19970	4. 3003781
19811	4. 2969064	19851	4. 2977824	19891	4. 2986566	19931	4. 2995291	19971	4. 3003998
19812	4. 2969283	19852	4. 2978043	19892	4. 2986784	19932	4. 2995509	19972	4. 3004216
19813	4. 2969502	19853	4. 2978261	19893	4. 2987003	19933	4. 2995727	19973	4. 3004433
19814	4. 2969722	19854	4. 2978480	19894	4. 2987221	19934	4. 2995944	19974	4. 3004650
19815	4. 2969941	19855	4. 2978699	19895	4. 2987439	19935	4. 2996162	19975	4. 3004868
19816	4. 2970160	19856	4. 2978918	19896	4. 2987658	19936	4. 2996380	19976	4. 3005085
19817	4. 2970379	19857	4. 2979136	19897	4. 2987876	19937	4. 2996598	19977	4. 3005303
19818	4. 2970598	19858	4. 2979355	19898	4. 2988094	19938	4. 2996816	19978	4. 3005520
19819	4. 2970817	19859	4. 2979574	19899	4. 2988312	19939	4. 2997034	19979	4. 3005737
19820	4. 2971036	19860	4. 2979792	19900	4. 2988531	19940	4. 2997252	19980	4. 3005955
19821	4. 2971256	19861	4. 2980011	19901	4. 2988748	19941	4. 2997469	19981	4. 3006172
19822	4. 2971475	19862	4. 2980230	19902	4. 2988967	19942	4. 2997687	19982	4. 3006390
19823	4. 2971694	19863	4. 2980448	19903	4. 2989185	19943	4. 2997905	19983	4. 3006607
19824	4. 2971913	19864	4. 2980667	19904	4. 2989404	19944	4. 2998123	19984	4. 3006824
19825	4. 2972132	19865	4. 2980886	19905	4. 2989622	19945	4. 2998340	19985	4. 3007041
19826	4. 2972351	19866	4. 2981104	19906	4. 2989840	19946	4. 2998558	19986	4. 3007259
19827	4. 2972570	19867	4. 2981323	19907	4. 2990058	19947	4. 2998776	19987	4. 3007476
19828	4. 2972789	19868	4. 2981541	19908	4. 2990276	19948	4. 2998994	19988	4. 3007693
19829	4. 2973008	19869	4. 2981760	19909	4. 2990494	19949	4. 2999211	19989	4. 3007911
19830	4. 2973227	19870	4. 2981979	19910	4. 2990713	19950	4. 2999429	19990	4. 3008128
19831	4. 2973446	19871	4. 2982197	19911	4. 2990931	19951	4. 2999647	19991	4. 3008345
19832	4. 2973665	19872	4. 2982416	19912	4. 2991149	19952	4. 2999864	19992	4. 3008562
19833	4. 2973884	19873	4. 2982634	19913	4. 2991367	19953	4. 3000082	19993	4. 3008780
19834	4. 2974103	19874	4. 2982853	19914	4. 2991585	19954	4. 3000300	19994	4. 3008997
19835	4. 2974322	19875	4. 2983071	19915	4. 2991803	19955	4. 3000517	19995	4. 3009214
19836	4. 2974541	19876	4. 2983290	19916	4. 2992021	19956	4. 3000735	19996	4. 3009431
19837	4. 2974760	19877	4. 2983508	19917	4. 2992239	19957	4. 3000953	19997	4. 3009649
19838	4. 2974979	19878	4. 2983727	19918	4. 2992457	19958	4. 3001170	19998	4. 3009866
19839	4. 2975198	19879	4. 2983945	19919	4. 2992675	19959	4. 3001388	19999	4. 3010083
19840	4. 2975417	19880	4. 2984164	19920	4. 2992893	19960	4. 3001605	20000	4. 3010300





Tafeln,

vor die

SINVS und TANGENTES

derer Birkelbogen

nach einzelnen Minuten,

in denen

der Sinus totus 80. 0000 Fuchter - Zollen gleich
geſetzt worden,

nebt ihren

LOGARITHMIS.

1119703

did you

SEVENTH and SEVEN

Der Ertztruchseß

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нэлэгдэ нл

Der Sines totus 80.000 Lothet. Gollen gleich

October 1933

मन्त्रिः श्रीमान्

LOGARI THMIS

o Grad					89. Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
o	o	o	o	o	60	80. 0000	infnit.	10. 0000000	infnit.
1	0.0233	0.0233	6.4637261	6.4637261	59	80.0000	275019.73	9.9999999	13.5362739
2	0.0465	0.0465	6.7647561	6.7647562	58	80.0000	137509.86	9.9999999	13.2352438
3	0.0698	0.0698	6.9408473	6.9408475	57	80.0000	91673.22	9.9999998	13.0591525
4	0.0931	0.0931	7.0657860	7.0657863	56	79.9999	68754.90	9.9999997	12.9342137
5	0.1164	0.1164	7.1626960	7.1626964	55	79.9999	55003.91	9.9999995	12.8373036
6	0.1396	0.1396	7.2418771	7.2418778	54	79.9999	45836.58	9.9999993	12.7581222
7	0.1629	0.1629	7.3088239	7.3088248	53	79.9998	39288.48	9.9999991	12.6911752
8	0.1862	0.1862	7.3668157	7.3668169	52	79.9998	34377.41	9.9999988	12.6331831
9	0.2094	0.2094	7.4179681	7.4179696	51	79.9997	30557.68	9.9999985	12.5820304
10	0.2327	0.2327	7.4637255	7.4637273	50	79.9997	27501.90	9.9999982	12.5362727
11	0.2560	0.2560	7.5051181	7.5051203	49	79.9996	25001.71	9.9999978	12.4948797
12	0.2792	0.2792	7.5429065	7.5429091	48	79.9995	22918.21	9.9999974	12.4570909
13	0.3025	0.3025	7.5776684	7.5776715	47	79.9994	21155.126	9.9999969	12.4223285
14	0.3258	0.3258	7.6098530	7.6098566	46	79.9993	19644.16	9.9999964	12.3901434
15	0.3491	0.3491	7.6398160	7.6398201	45	79.9992	18334.53	9.9999959	12.3601799
16	0.3723	0.3723	7.6678445	7.6678492	44	79.9991	17188.61	9.9999953	12.3321508
17	0.3956	0.3956	7.6941733	7.6941786	43	79.9990	16177.50	9.9999947	12.3058214
18	0.4189	0.4189	7.7189966	7.7190026	42	79.9989	15278.74	9.9999940	12.2809974
19	0.4421	0.4421	7.7424775	7.7424841	41	79.9988	14474.58	9.9999934	12.2575159
20	0.4654	0.4654	7.7647537	7.7647610	40	79.9986	13750.83	9.9999927	12.2352390
21	0.4887	0.4887	7.7859427	7.7859508	39	79.9985	13096.02	9.9999919	12.2140492
22	0.5120	0.5120	7.8061458	7.8061547	38	79.9984	12500.73	9.9999911	12.1938453
23	0.5352	0.5352	7.8254507	7.8254604	37	79.9982	11957.20	9.9999903	12.1745396
24	0.5585	0.5585	7.8439338	7.8439444	36	79.9980	11458.97	9.9999894	12.1560556
25	0.5818	0.5818	7.8616623	7.8616738	35	79.9979	11000.60	9.9999885	12.1383262
26	0.6050	0.6050	7.8786953	7.8787077	34	79.9977	10577.48	9.9999876	12.1212923
27	0.6283	0.6283	7.8950854	7.8950988	33	79.9975	10185.71	9.9999866	12.1049012
28	0.6516	0.6516	7.9108793	7.9108938	32	79.9973	9821.92	9.9999856	12.0891062
29	0.6749	0.6749	7.9261190	7.9261344	31	79.9972	9483.21	9.9999845	12.0738656
30	0.6981	0.6981	7.9408419	7.9408584	30	79.9970	9167.09	9.9999835	12.0591416
31	0.7214	0.7214	7.9550819	7.9550996	29	79.9967	8871.364	9.9999823	12.0449004
32	0.7447	0.7447	7.9688698	7.9688886	28	79.9965	8594.119	9.9999812	12.0311114
33	0.7679	0.7679	7.9822334	7.9822534	27	79.9963	8333.676	9.9999800	12.0177466
34	0.7912	0.7912	7.9951980	7.9952192	26	79.9961	8088.552	9.9999788	12.0047808
35	0.8145	0.8145	8.0077867	8.0078092	25	79.9959	7857.435	9.9999775	11.9921908
36	0.8377	0.8377	8.0200207	8.0200445	24	79.9956	7639.158	9.9999762	11.9799555
37	0.8610	0.8610	8.0319195	8.0319446	23	79.9954	7432.679	9.9999748	11.9680554
38	0.8843	0.8843	8.0435009	8.0435274	22	79.9951	7237.067	9.9999735	11.9564726
39	0.9076	0.9076	8.0547814	8.0548094	21	79.9948	7051.486	9.9999721	11.9451906
40	0.9308	0.9308	8.0657763	8.0658057	20	79.9946	6875.183	9.9999706	11.9341943
41	0.9541	0.9541	8.0764997	8.0765306	19	79.9943	6707.481	9.9999691	11.9234694
42	0.9774	0.9774	8.0869646	8.0869970	18	79.9940	6547.763	9.9999676	11.9130030
43	1.0006	1.0006	8.0971832	8.0972172	17	79.9937	6395.474	9.9999660	11.9027828
44	1.0239	1.0239	8.1071669	8.1072025	16	79.9934	6250.107	9.9999644	11.8927975
45	1.0472	1.0472	8.1169262	8.1169634	15	79.9931	6111.201	9.9999628	11.8830366
46	1.0704	1.0704	8.1264710	8.1265099	14	79.9928	5978.333	9.9999611	11.8734901
47	1.0937	1.0937	8.1358104	8.1358510	13	79.9925	5851.119	9.9999594	11.8641490
48	1.1170	1.1170	8.1449532	8.1449956	12	79.9922	5729.206	9.9999577	11.8550044
49	1.1402	1.1402	8.1539075	8.1539516	11	79.9919	5612.268	9.9999559	11.8460484
50	1.1635	1.1635	8.1626808	8.1627267	10	79.9915	5500.007	9.9999541	11.8372733
51	1.1868	1.1868	8.1712804	8.1713282	9	79.9912	5392.148	9.9999522	11.8286718
52	1.2100	1.2100	8.1797129	8.1797626	8	79.9908	5288.438	9.9999503	11.8202374
53	1.2333	1.2333	8.1879848	8.1880364	7	79.9905	5188.641	9.9999484	11.8119636
54	1.2566	1.2566	8.1961020	8.1961556	6	79.9901	5092.539	9.9999464	11.8038444
55	1.2799	1.2799	8.2040703	8.2041259	5	79.9898	4999.932	9.9999444	11.7958741
56	1.3031	1.3031	8.2118949	8.2119526	4	79.9894	4910.632	9.9999424	11.7880474
57	1.3264	1.3264	8.2196408	8.2196408	3	79.9890	4824.466	9.9999403	11.7803592
58	1.3497	1.3497	8.2271335	8.2271953	2	79.9886	4741.270	9.9999382	11.7728047
59	1.3729	1.3729	8.2345568	8.2346208	1	79.9882	4660.894	9.9999360	11.7653792
60	1.3962	1.3962	8.2418553	8.2419215	0	79.9878	4583.197	9.9999338	11.7580785

I Grad					88. Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	1.3962	1.3964	8.2418553	8.2419215	60	79.9878	4583.1969	9.9999338	11.7580785
1	1.4195	1.4197	8.2490332	8.2491015	59	79.9874	4508.0472	9.9999316	11.7508985
2	1.4427	1.4430	8.2560943	8.2561649	58	79.9870	4435.3213	9.9999294	11.7438351
3	1.4660	1.4662	8.2630424	8.2631153	57	79.9866	4364.9040	9.9999271	11.7368847
4	1.4893	1.4895	8.2698810	8.2699563	56	79.9861	4296.6870	9.9999247	11.7300437
5	1.5125	1.5128	8.2766136	8.2766912	55	79.9857	4230.5687	9.9999224	11.7233088
6	1.5358	1.5361	8.2832434	8.2833234	54	79.9853	4166.4538	9.9999200	11.7166766
7	1.5591	1.5594	8.2897734	8.2898559	53	79.9848	4104.2525	9.9999175	11.7101441
8	1.5823	1.5826	8.2962067	8.2962917	52	79.9844	4043.8805	9.9999150	11.7037083
9	1.6056	1.6059	8.3025460	8.3026335	51	79.9839	3985.2581	9.9999125	11.6973665
10	1.6289	1.6292	8.3087941	8.3088842	50	79.9834	3928.3104	9.9999100	11.6911158
11	1.6521	1.6525	8.3149536	8.3150462	49	79.9829	3872.9667	9.9999074	11.6849538
12	1.6754	1.6758	8.3210269	8.3211221	48	79.9824	3819.1601	9.9999047	11.6788779
13	1.6987	1.6990	8.3270163	8.3271143	47	79.9820	3766.8274	9.9999021	11.6728857
14	1.7219	1.7223	8.3329243	8.3330249	46	79.9815	3715.9090	9.9998994	11.6669751
15	1.7452	1.7456	8.3387529	8.3388563	45	79.9810	3666.3481	9.9998966	11.6611437
16	1.7685	1.7689	8.3445043	8.3446105	44	79.9804	3618.0913	9.9998939	11.6553895
17	1.7917	1.7922	8.3501805	8.3502895	43	79.9799	3571.0876	9.9998911	11.6497105
18	1.8150	1.8155	8.3557835	8.3558953	42	79.9794	3525.2891	9.9998882	11.6441047
19	1.8382	1.8387	8.3613150	8.3614297	41	79.9789	3480.6497	9.9998853	11.6385703
20	1.8615	1.8620	8.3667769	8.3668945	40	79.9783	3437.1262	9.9998824	11.6331055
21	1.8848	1.8853	8.3721710	8.3722915	39	79.9778	3394.6771	9.9998794	11.6277085
22	1.9080	1.9086	8.3774988	8.3776223	38	79.9772	3353.2632	9.9998764	11.6223777
23	1.9313	1.9319	8.3827620	8.3828886	37	79.9767	3312.8470	9.9998734	11.6171114
24	1.9546	1.9552	8.3879622	8.3880918	36	79.9761	3273.3929	9.9998703	11.6119082
25	1.9778	1.9784	8.3931008	8.3932336	35	79.9755	3234.8670	9.9998672	11.6067664
26	2.0011	2.0017	8.3981793	8.3983152	34	79.9750	3197.2368	9.9998641	11.6016848
27	2.0244	2.0250	8.4031990	8.4033381	33	79.9744	3160.4716	9.9998609	11.5966619
28	2.0476	2.0483	8.4081614	8.4083037	32	79.9738	3124.5417	9.9998577	11.5916963
29	2.0709	2.0716	8.4130676	8.4132132	31	79.9732	3089.4190	9.9998544	11.5867868
30	2.0942	2.0949	8.4179190	8.4180679	30	79.9726	3055.0767	9.9998512	11.5819321
31	2.1174	2.1182	8.4227168	8.4228690	29	79.9720	3021.4890	9.9998478	11.5771310
32	2.1407	2.1414	8.4274621	8.4276176	28	79.9714	2988.6313	9.9998445	11.5723824
33	2.1639	2.1647	8.4321561	8.4323150	27	79.9707	2956.4801	9.9998411	11.5676850
34	2.1872	2.1880	8.4367999	8.4369622	26	79.9701	2925.0127	9.9998376	11.5630378
35	2.2105	2.2113	8.4413944	8.4415603	25	79.9695	2894.2077	9.9998342	11.5584397
36	2.2337	2.2346	8.4459409	8.4461103	24	79.9688	2864.0443	9.9998306	11.5538897
37	2.2570	2.2579	8.4504402	8.4506131	23	79.9682	2834.5026	9.9998271	11.5493869
38	2.2803	2.2812	8.4548934	8.4550699	22	79.9675	2805.5637	9.9998235	11.5449301
39	2.3035	2.3045	8.4593013	8.4594814	21	79.9668	2777.2092	9.9998199	11.5405186
40	2.3268	2.3278	8.4636649	8.4638486	20	79.9662	2749.4217	9.9998162	11.5361514
41	2.3500	2.3511	8.4679850	8.4681725	19	79.9655	2722.1842	9.9998125	11.5318275
42	2.3733	2.3743	8.4722626	8.4724538	18	79.9648	2695.4807	9.9998088	11.5275462
43	2.3966	2.3976	8.4764984	8.4766933	17	79.9641	2669.2956	9.9998050	11.5233067
44	2.4198	2.4209	8.4806932	8.4808920	16	79.9634	2643.6138	9.9998012	11.5191080
45	2.4431	2.4442	8.4848479	8.4850505	15	79.9627	2618.4211	9.9997974	11.5149495
46	2.4663	2.4675	8.4889632	8.4891696	14	79.9620	2593.7036	9.9997935	11.5108304
47	2.4896	2.4908	8.4930398	8.4932502	13	79.9613	2569.4479	9.9997896	11.5067498
48	2.5129	2.5141	8.4970784	8.4972928	12	79.9605	2545.6413	9.9997856	11.5027072
49	2.5361	2.5374	8.5010798	8.5012982	11	79.9598	2522.2713	9.9997817	11.4987018
50	2.5594	2.5607	8.5050447	8.5052671	10	79.9590	2499.3261	9.9997776	11.4947329
51	2.5826	2.5840	8.5089736	8.5092001	9	79.9583	2476.7942	9.9997736	11.4907999
52	2.6059	2.6073	8.5128673	8.5130978	8	79.9576	2454.6646	9.9997695	11.4869022
53	2.6292	2.6306	8.5167264	8.5169610	7	79.9568	2432.9264	9.9997653	11.4830390
54	2.6524	2.6539	8.5205514	8.5207902	6	79.9560	2411.5695	9.9997612	11.4792098
55	2.6757	2.6772	8.5243430	8.5245860	5	79.9552	2390.5839	9.9997570	11.4754140
56	2.6989	2.7005	8.5281017	8.5283490	4	79.9545	2369.9600	9.9997527	11.4716510
57	2.7222	2.7238	8.5318281	8.5320797	3	79.9537	2349.6884	9.9997484	11.4679203
58	2.7454	2.7471	8.5355228	8.5357787	2	79.9529	2329.7604	9.9997441	11.4642213
59	2.7687	2.7704	8.5391863	8.5394466	1	79.9521	2310.1671	9.9997398	11.4605534
60	2.7920	2.7937	8.5428192	8.5430838	0	79.9513	2290.9003	9.9997354	11.4569162

2 Grad.					87 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	2.7920	2.7937	8.5428192	8.5430838	60	79.9513	2290.9003	9.9997354	11.4569162
1	2.8152	2.8170	8.5464218	8.5466909	59	79.9504	2271.9518	9.9997309	11.4533091
2	2.8385	2.8403	8.5499948	8.5502683	58	79.9496	2253.3137	9.9997265	11.4497317
3	2.8617	2.8636	8.5535386	8.5538166	57	79.9488	2234.9787	9.9997220	11.4461834
4	2.8850	2.8869	8.5570536	8.5573362	56	79.9480	2216.9392	9.9997174	11.4426638
5	2.9082	2.9102	8.5605404	8.5608276	55	79.9471	2199.1882	9.9997128	11.4391724
6	2.9315	2.9335	8.5639994	8.5642912	54	79.9463	2181.7189	9.9997082	11.4357088
7	2.9548	2.9568	8.5674310	8.5677275	53	79.9454	2164.5245	9.9997036	11.4322725
8	2.9780	2.9801	8.5708357	8.5711368	52	79.9446	2147.5987	9.9996989	11.4288632
9	3.0013	3.0034	8.5742139	8.5745197	51	79.9437	2130.9352	9.9996942	11.4254803
10	3.0245	3.0267	8.5775660	8.5778766	50	79.9428	2114.5280	9.9996894	11.4221234
11	3.0478	3.0500	8.5808923	8.5812077	49	79.9419	2098.3711	9.9996846	11.4187923
12	3.0710	3.0733	8.5841933	8.5845136	48	79.9410	2082.4589	9.9996798	11.4154864
13	3.0943	3.0966	8.5874694	8.5877945	47	79.9401	2066.7858	9.9996749	11.4122055
14	3.1175	3.1199	8.5907209	8.5910509	46	79.9392	2051.3466	9.9996700	11.4089491
15	3.1408	3.1432	8.5939483	8.5942832	45	79.9383	2036.1360	9.9996650	11.4057168
16	3.1640	3.1665	8.5971517	8.5974917	44	79.9374	2021.1489	9.9996601	11.4025083
17	3.1873	3.1898	8.6003317	8.6006767	43	79.9365	2006.3805	9.9996550	11.3993233
18	3.2105	3.2131	8.6034886	8.6038386	42	79.9356	1991.8261	9.9996500	11.3961614
19	3.2338	3.2364	8.6066226	8.6069777	41	79.9346	1977.4810	9.9996449	11.3930223
20	3.2570	3.2598	8.6097341	8.6100943	40	79.9337	1963.3406	9.9996398	11.3899057
21	3.2803	3.2831	8.6128235	8.6131889	39	79.9327	1949.4008	9.9996346	11.3868111
22	3.3036	3.3064	8.6158910	8.6162616	38	79.9318	1935.6571	9.9996294	11.3837384
23	3.3268	3.3297	8.6189369	8.6193127	37	79.9308	1922.1056	9.9996242	11.3806873
24	3.3501	3.3530	8.6219616	8.6223427	36	79.9298	1908.7422	9.9996189	11.3776573
25	3.3733	3.3763	8.6249653	8.6253518	35	79.9288	1895.5630	9.9996136	11.3746482
26	3.3966	3.3996	8.6279484	8.6283402	34	79.9279	1882.5642	9.9996082	11.3716598
27	3.4198	3.4229	8.6309111	8.6313083	33	79.9269	1869.7422	9.9996028	11.3686917
28	3.4431	3.4462	8.6338537	8.6342563	32	79.9259	1857.0933	9.9995974	11.3657437
29	3.4663	3.4696	8.6367764	8.6371845	31	79.9249	1844.6141	9.9995919	11.3628155
30	3.4896	3.4929	8.6396796	8.6400931	30	79.9239	1832.3012	9.9995865	11.3599059
31	3.5128	3.5162	8.6425634	8.6429825	29	79.9228	1820.1513	9.9995809	11.3570175
32	3.5360	3.5395	8.6454282	8.6458528	28	79.9218	1808.1612	9.9995753	11.3541472
33	3.5593	3.5628	8.6482742	8.6487044	27	79.9208	1796.3277	9.9995697	11.3512956
34	3.5825	3.5861	8.6511016	8.6515375	26	79.9197	1784.6477	9.9995641	11.3484625
35	3.6058	3.6095	8.6539107	8.6543522	25	79.9187	1773.1184	9.9995584	11.3456478
36	3.6290	3.6328	8.6567017	8.6571490	24	79.9176	1761.7368	9.9995527	11.3428510
37	3.6523	3.6561	8.6594748	8.6599279	23	79.9166	1750.5001	9.9995469	11.3400721
38	3.6755	3.6794	8.6622303	8.6626891	22	79.9155	1739.4055	9.9995411	11.3373109
39	3.6988	3.7027	8.6649684	8.6654331	21	79.9144	1728.4504	9.9995353	11.3345669
40	3.7220	3.7261	8.6676893	8.6681598	20	79.9134	1717.6321	9.9995295	11.3318402
41	3.7453	3.7494	8.6703932	8.6708697	19	79.9123	1706.9481	9.9995236	11.3291303
42	3.7685	3.7727	8.6730804	8.6735628	18	79.9112	1696.3959	9.9995176	11.3264372
43	3.7918	3.7960	8.6757510	8.6762393	17	79.9101	1685.9731	9.9995116	11.3237607
44	3.8150	3.8194	8.6784052	8.6788996	16	79.9090	1675.6773	9.9995056	11.3211004
45	3.8382	3.8427	8.6810433	8.6815437	15	79.9079	1665.5062	9.9994996	11.3184563
46	3.8615	3.8660	8.6836654	8.6841719	14	79.9068	1655.4576	9.9994935	11.3158281
47	3.8847	3.8893	8.6862718	8.6867844	13	79.9056	1645.5292	9.9994874	11.3132156
48	3.9080	3.9127	8.6888625	8.6893813	12	79.9045	1635.7189	9.9994812	11.3106187
49	3.9312	3.9360	8.6914379	8.6919629	11	79.9033	1626.0246	9.9994750	11.3080371
50	3.9545	3.9593	8.6939980	8.6945292	10	79.9022	1616.4443	9.9994688	11.3054708
51	3.9777	3.9826	8.6965431	8.6970806	9	79.9010	1606.9759	9.9994625	11.3029194
52	4.0010	4.0060	8.6990734	8.6996172	8	79.8999	1597.6176	9.9994562	11.3003828
53	4.0242	4.0293	8.7015889	8.7021390	7	79.8987	1588.3673	9.9994498	11.2978610
54	4.0474	4.0526	8.7040899	8.7046465	6	79.8975	1579.2233	9.9994435	11.2953535
55	4.0707	4.0760	8.7065766	8.7071395	5	79.8964	1570.1837	9.9994370	11.2928605
56	4.0939	4.0993	8.7090490	8.7096185	4	79.8952	1561.2467	9.9994306	11.2903815
57	4.1172	4.1226	8.7115075	8.7120834	3	79.8940	1552.4106	9.9994241	11.2879166
58	4.1404	4.1460	8.7139520	8.7145345	2	79.8928	1543.6737	9.9994176	11.2854655
59	4.1636	4.1693	8.7163829	8.7169719	1	79.8916	1535.0344	9.9994110	11.2830281
60	4.1869	4.1926	8.7188002	8.7193958	0	79.8904	1526.4909	9.9994044	11.2806042

3 Grad.					86 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	4.1869	4.1926	8.7188002	8.7199358	60	79.8904	1526.4909	9.9994044	11.2806042
1	4.2101	4.2160	8.7212040	8.7218063	59	79.8891	1518.0418	9.9993978	11.2781937
2	4.2334	4.2393	8.7235946	8.7242035	58	79.8879	1509.6854	9.9993911	11.2757965
3	4.2566	4.2626	8.7259731	8.7265877	57	79.8867	1501.4203	9.9993844	11.2734123
4	4.2798	4.2860	8.7283366	8.7289589	56	79.8854	1493.2449	9.9993776	11.2710411
5	4.3031	4.3093	8.7306882	8.7313174	55	79.8842	1485.1579	9.9993708	11.2686826
6	4.3263	4.3326	8.7330272	8.7336631	54	79.8829	1477.1577	9.9993640	11.2663369
7	4.3495	4.3560	8.7353535	8.7359964	53	79.8817	1469.2430	9.9993572	11.2640036
8	4.3728	4.3793	8.7376675	8.7383172	52	79.8804	1461.4124	9.9993503	11.2616828
9	4.3960	4.4027	8.7399691	8.7406258	51	79.8791	1453.6645	9.9993433	11.2593742
10	4.4192	4.4260	8.7422586	8.7429222	50	79.8778	1445.9982	9.9993364	11.2570778
11	4.4425	4.4494	8.7445360	8.7452067	49	79.8766	1438.4120	9.9993293	11.2547933
12	4.4657	4.4727	8.7468015	8.7474792	48	79.8753	1430.9048	9.9993223	11.2525208
13	4.4890	4.4960	8.7490553	8.7497400	47	79.8740	1423.4753	9.9993152	11.2502600
14	4.5122	4.5194	8.7512973	8.7519892	46	79.8726	1416.1224	9.9993081	11.2480108
15	4.5354	4.5427	8.7535278	8.7542269	45	79.8713	1408.8447	9.9993009	11.2457731
16	4.5587	4.5661	8.7557469	8.7564531	44	79.8700	1401.6412	9.9992938	11.2435469
17	4.5819	4.5894	8.7579546	8.7586681	43	79.8687	1394.5108	9.9992865	11.2413319
18	4.6051	4.6128	8.7601512	8.7608719	42	79.8673	1387.4524	9.9992793	11.2391281
19	4.6284	4.6361	8.7623366	8.7630647	41	79.8660	1380.4648	9.9992720	11.2369353
20	4.6516	4.6595	8.7645111	8.7652465	40	79.8646	1373.5470	9.9992646	11.2347535
21	4.6748	4.6828	8.7666747	8.7674175	39	79.8633	1366.6979	9.9992572	11.2325825
22	4.6980	4.7062	8.7688275	8.7695777	38	79.8619	1359.9166	9.9992498	11.2304223
23	4.7213	4.7295	8.7709697	8.7717274	37	79.8606	1353.2020	9.9992424	11.2282726
24	4.7445	4.7529	8.7731014	8.7738665	36	79.8592	1346.5532	9.9992349	11.2261335
25	4.7677	4.7762	8.7752226	8.7759952	35	79.8578	1339.9692	9.9992274	11.2240048
26	4.7910	4.7996	8.7773334	8.7781136	34	79.8564	1333.4490	9.9992198	11.2218864
27	4.8142	4.8229	8.7794340	8.7802218	33	79.8550	1326.9917	9.9992122	11.2197782
28	4.8374	4.8463	8.7815244	8.7823199	32	79.8536	1320.5964	9.9992046	11.2176801
29	4.8607	4.8696	8.7836048	8.7844079	31	79.8522	1314.2623	9.9991969	11.2155921
30	4.8839	4.8930	8.7856753	8.7864861	30	79.8508	1307.9884	9.9991892	11.2135139
31	4.9071	4.9164	8.7877359	8.7885544	29	79.8494	1301.7740	9.9991815	11.2114456
32	4.9303	4.9397	8.7897867	8.7906130	28	79.8479	1295.6180	9.9991737	11.2093370
33	4.9536	4.9631	8.7918278	8.7926620	27	79.8465	1289.5198	9.9991659	11.2073320
34	4.9768	4.9864	8.7938594	8.7947014	26	79.8450	1283.4786	9.9991580	11.2052986
35	5.0000	5.0098	8.7958814	8.7967313	25	79.8436	1277.4934	9.9991501	11.2032687
36	5.0232	5.0332	8.7978941	8.7987519	24	79.8421	1271.5636	9.9991422	11.2012481
37	5.0465	5.0565	8.7998974	8.8007632	23	79.8407	1265.6884	9.9991342	11.1992368
38	5.0697	5.0799	8.8018915	8.8027653	22	79.8392	1259.8670	9.9991262	11.1972347
39	5.0929	5.1033	8.8038764	8.8047583	21	79.8377	1254.0987	9.9991182	11.1952417
40	5.1161	5.1266	8.8058523	8.8067422	20	79.8362	1248.3827	9.9991101	11.1932578
41	5.1394	5.1500	8.8078192	8.8087172	19	79.8347	1242.7184	9.9991020	11.1912828
42	5.1626	5.1734	8.8097772	8.8106834	18	79.8332	1237.1051	9.9990938	11.1893166
43	5.1858	5.1967	8.8117264	8.8126407	17	79.8317	1231.5421	9.9990856	11.1873593
44	5.2090	5.2201	8.8136668	8.8145894	16	79.8302	1226.0286	9.9990774	11.1854106
45	5.2322	5.2435	8.8155985	8.8165294	15	79.8287	1220.5641	9.9990691	11.1834706
46	5.2555	5.2668	8.8175217	8.8184608	14	79.8272	1215.1479	9.9990608	11.1815392
47	5.2787	5.2902	8.8194363	8.8203838	13	79.8256	1209.7794	9.9990525	11.1796162
48	5.3019	5.3136	8.8213425	8.8222984	12	79.8241	1200.4578	9.9990441	11.1777016
49	5.3251	5.3370	8.8232404	8.8242046	11	79.8226	1199.1877	9.9990357	11.1757954
50	5.3484	5.3603	8.8251299	8.8261026	10	79.8210	1193.9534	9.9990273	11.1738974
51	5.3716	5.3837	8.8270112	8.8279924	9	79.8195	1188.7692	9.9990188	11.1720076
52	5.3948	5.4071	8.8288844	8.8298741	8	79.8179	1183.6297	9.9990103	11.1701259
53	5.4180	5.4305	8.8307495	8.8317478	7	79.8163	1178.5343	9.9990017	11.1682522
54	5.4412	5.4539	8.8326066	8.8336134	6	79.8147	1173.4823	9.9989931	11.1663866
55	5.4644	5.4772	8.8344557	8.8354712	5	79.8132	1168.4733	9.9989845	11.1645288
56	5.4877	5.5006	8.8362969	8.8373211	4	79.8116	1163.5067	9.9989758	11.1626789
57	5.5109	5.5240	8.8381304	8.8391633	3	79.8100	1158.5819	9.9989671	11.1608367
58	5.5341	5.5474	8.8399561	8.8409977	2	79.8084	1153.6984	9.9989584	11.1590023
59	5.5573	5.5708	8.8417741	8.8428245	1	79.8067	1148.8557	9.9989496	11.1571755
60	5.5805	5.5941	8.8435845	8.8446437	0	79.8051	1144.0533	9.9989408	11.1553563

4 Grad.					85 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	5.5805	5.5941	8.8435845	8.8446437	60	79.8051	1144.0533	9.9989408	11.1553563
1	5.6037	5.6175	8.8453874	8.8464554	59	79.8035	1139.2907	9.9989319	11.1535446
2	5.6269	5.6409	8.8471829	8.8482597	58	79.8019	1134.5674	9.9989230	11.1517403
3	5.6502	5.6643	8.8489707	8.8500566	57	79.8002	1129.8829	9.9989141	11.1499434
4	5.6734	5.6877	8.8507512	8.8518461	56	79.7986	1125.2367	9.9989052	11.1481539
5	5.6966	5.7111	8.8525245	8.8536283	55	79.7969	1120.6284	9.9988962	11.1463717
6	5.7198	5.7345	8.8542905	8.8554034	54	79.7953	1116.0576	9.9988871	11.1445966
7	5.7430	5.7579	8.8560493	8.8571713	53	79.7936	1111.5236	9.9988780	11.1428287
8	5.7662	5.7813	8.8578010	8.8589321	52	79.7919	1107.0271	9.9988689	11.1410679
9	5.7894	5.8046	8.8595457	8.8606859	51	79.7902	1102.5648	9.9988598	11.1393141
10	5.8126	5.8280	8.8612833	8.8624327	50	79.7886	1098.1390	9.9988506	11.1375673
11	5.8358	5.8514	8.8630139	8.8641725	49	79.7869	1093.7485	9.9988414	11.1358275
12	5.8591	5.8748	8.8647376	8.8659055	48	79.7852	1089.3927	9.9988321	11.1340945
13	5.8823	5.8982	8.8664545	8.8676317	47	79.7834	1085.0713	9.9988228	11.1323683
14	5.9055	5.9216	8.8681646	8.8693511	46	79.7817	1080.7839	9.9988135	11.1306489
15	5.9287	5.9450	8.8698680	8.8710638	45	79.7800	1076.5300	9.9988041	11.1289362
16	5.9519	5.9684	8.8715646	8.8727699	44	79.7783	1072.3093	9.9987947	11.1272301
17	5.9751	5.9918	8.8732546	8.8744694	43	79.7766	1068.1214	9.9987853	11.1255306
18	5.9983	6.0152	8.8749381	8.8761623	42	79.7748	1063.9659	9.9987758	11.1238377
19	6.0215	6.0386	8.8766150	8.8778487	41	79.7731	1059.8425	9.9987663	11.1221513
20	6.0447	6.0620	8.8782854	8.8795286	40	79.7713	1055.7506	9.9987567	11.1204714
21	6.0679	6.0854	8.8799493	8.8812022	39	79.7695	1051.6901	9.9987471	11.1187978
22	6.0911	6.1088	8.8816069	8.8828694	38	79.7678	1047.6605	9.9987375	11.1171306
23	6.1143	6.1323	8.8832581	8.8845303	37	79.7660	1043.6615	9.9987278	11.1154697
24	6.1375	6.1557	8.8849031	8.8861850	36	79.7642	1039.6928	9.9987181	11.1138150
25	6.1607	6.1791	8.8865418	8.8878334	35	79.7624	1035.7539	9.9987084	11.1121666
26	6.1839	6.2025	8.8881743	8.8894757	34	79.7606	1031.8446	9.9986986	11.1105243
27	6.2071	6.2259	8.8898007	8.8911119	33	79.7588	1027.9645	9.9986888	11.1088881
28	6.2303	6.2493	8.8914209	8.8927420	32	79.7570	1024.1133	9.9986790	11.1072580
29	6.2535	6.2727	8.8930351	8.8943660	31	79.7552	1020.2907	9.9986691	11.1056340
30	6.2767	6.2961	8.8946433	8.8959842	30	79.7534	1016.4964	9.9986591	11.1040158
31	6.2999	6.3196	8.8962455	8.8975963	29	79.7516	1012.7300	9.9986492	11.1024037
32	6.3231	6.3430	8.8978418	8.8992026	28	79.7497	1008.9912	9.9986392	11.1007974
33	6.3463	6.3664	8.8994322	8.9008030	27	79.7479	1005.2798	9.9986292	11.0991970
34	6.3695	6.3898	8.9010168	8.9023977	26	79.7460	1001.5954	9.9986191	11.0976023
35	6.3927	6.4132	8.9025955	8.9039866	25	79.7442	997.9377	9.9986090	11.0960134
36	6.4159	6.4366	8.9041685	8.9055697	24	79.7423	994.3065	9.9985988	11.0944303
37	6.4391	6.4601	8.9057358	8.9071477	23	79.7404	990.7014	9.9985886	11.0928528
38	6.4623	6.4835	8.9072975	8.9087190	22	79.7386	987.1223	9.9985784	11.0912810
39	6.4855	6.5069	8.9088535	8.9102853	21	79.7367	983.5687	9.9985682	11.0897147
40	6.5087	6.5303	8.9104039	8.9118460	20	79.7348	980.0404	9.9985579	11.0881540
41	6.5319	6.5538	8.9119487	8.9134012	19	79.7329	976.5372	9.9985475	11.0865988
42	6.5551	6.5772	8.9134881	8.9149509	18	79.7310	973.0588	9.9985372	11.0850491
43	6.5783	6.6006	8.9150219	8.9164952	17	79.7291	969.6050	9.9985268	11.0835048
44	6.6015	6.6241	8.9165504	8.9180340	16	79.7272	966.1754	9.9985163	11.0819660
45	6.6247	6.6475	8.9180734	8.9195675	15	79.7252	962.7698	9.9985058	11.0804325
46	6.6478	6.6709	8.9195911	8.9210957	14	79.7233	959.3880	9.9984953	11.0789043
47	6.6710	6.6944	8.9211034	8.9226186	13	79.7214	956.0296	9.9984848	11.0773814
48	6.6942	6.7178	8.9226105	8.9241363	12	79.7194	952.6946	9.9984742	11.0758637
49	6.7174	6.7412	8.9241123	8.9256487	11	79.7175	949.3826	9.9984636	11.0743513
50	6.7406	6.7647	8.9256089	8.9271560	10	79.7155	946.0933	9.9984529	11.0728440
51	6.7638	6.7881	8.9271003	8.9286581	9	79.7136	942.8266	9.9984422	11.0713419
52	6.7870	6.8115	8.9285866	8.9301552	8	79.7116	939.5823	9.9984315	11.0698448
53	6.8102	6.8350	8.9300678	8.9316471	7	79.7096	936.3600	9.9984207	11.0683529
54	6.8334	6.8584	8.9315439	8.9331340	6	79.7076	933.1596	9.9984099	11.0668660
55	6.8565	6.8819	8.9330150	8.9346160	5	79.7056	929.9809	9.9983990	11.0653840
56	6.8797	6.9053	8.9344811	8.9360929	4	79.7036	926.8235	9.9983881	11.0639071
57	6.9029	6.9288	8.9359422	8.9375650	3	79.7016	923.6874	9.9983772	11.0624350
58	6.9261	6.9522	8.9373983	8.9390321	2	79.6996	920.5723	9.9983663	11.0609679
59	6.9493	6.9756	8.9388496	8.9404944	1	79.6976	917.4779	9.9983553	11.0595056
60	6.9725	6.9991	8.9402960	8.9419518	0	79.6956	914.4042	9.9983442	11.0580482

5 Grad.					84 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	6.9725	6.9991	8.9402960	8.9419518	60	79.6956	914.4042	9.9983442	11.0580482
1	6.9956	7.0225	8.9417376	8.9434044	59	79.6935	911.3508	9.9983332	11.0565956
2	7.0188	7.0460	8.9431743	8.9448523	58	79.6915	908.3176	9.9983220	11.0551477
3	7.0420	7.0694	8.9446063	8.9462954	57	79.6895	905.3043	9.9983109	11.0537046
4	7.0652	7.0929	8.9460335	8.9477338	56	79.6874	902.3108	9.9982997	11.0522662
5	7.0884	7.1164	8.9474561	8.9491676	55	79.6854	899.3369	9.9982885	11.0508324
6	7.1115	7.1398	8.9488739	8.9505967	54	79.6833	896.3824	9.9982772	11.0494033
7	7.1347	7.1633	8.9502871	8.9520211	53	79.6812	893.4471	9.9982660	11.0479789
8	7.1579	7.1867	8.9516957	8.9534410	52	79.6791	890.5308	9.9982546	11.0465590
9	7.1811	7.2102	8.9530996	8.9548564	51	79.6770	887.6333	9.9982433	11.0451436
10	7.2043	7.2336	8.9544991	8.9562672	50	79.6750	884.7545	9.9982318	11.0437328
11	7.2274	7.2571	8.9558940	8.9576735	49	79.6729	881.8941	9.9982204	11.0423265
12	7.2506	7.2806	8.9572843	8.9590754	48	79.6708	879.0520	9.9982089	11.0409246
13	7.2738	7.3040	8.9586703	8.9604728	47	79.6686	876.2280	9.9981974	11.0395272
14	7.2970	7.3275	8.9600517	8.9618659	46	79.6665	873.4220	9.9981859	11.0381341
15	7.3201	7.3510	8.9614288	8.9632545	45	79.6644	870.6337	9.9981743	11.0367455
16	7.3433	7.3744	8.9628014	8.9646388	44	79.6623	867.8630	9.9981626	11.0353612
17	7.3665	7.3979	8.9641697	8.9660188	43	79.6601	865.1098	9.9981510	11.0339812
18	7.3896	7.4214	8.9655337	8.9673944	42	79.6580	862.3738	9.9981393	11.0326056
19	7.4128	7.4448	8.9668934	8.9687658	41	79.6558	859.6549	9.9981275	11.0312342
20	7.4360	7.4683	8.9682487	8.9701330	40	79.6537	856.9530	9.9981158	11.0298670
21	7.4592	7.4918	8.9695999	8.9714959	39	79.6515	854.2679	9.9981040	11.0285041
22	7.4823	7.5153	8.9709468	8.9728547	38	79.6493	851.5994	9.9980921	11.0271453
23	7.5055	7.5388	8.9722895	8.9742092	37	79.6471	848.9473	9.9980802	11.0257908
24	7.5287	7.5622	8.9736280	8.9755597	36	79.6450	846.3116	9.9980683	11.0244403
25	7.5518	7.5857	8.9749624	8.9769060	35	79.6428	843.6921	9.9980563	11.0230940
26	7.5750	7.6092	8.9762926	8.9782483	34	79.6406	841.0885	9.9980443	11.0217517
27	7.5982	7.6327	8.9776188	8.9795865	33	79.6384	838.5009	9.9980323	11.0204135
28	7.6213	7.6562	8.9789408	8.9809206	32	79.6361	835.9290	9.9980202	11.0190794
29	7.6445	7.6796	8.9802589	8.9822507	31	79.6339	833.3726	9.9980081	11.0177493
30	7.6677	7.7031	8.9815729	8.9835769	30	79.6317	830.8318	9.9979960	11.0164231
31	7.6908	7.7266	8.9828829	8.9848991	29	79.6295	829.1062	9.9979838	11.0151009
32	7.7140	7.7501	8.9841889	8.9862173	28	79.6272	825.7958	9.9979716	11.0137827
33	7.7372	7.7736	8.9854910	8.9875317	27	79.6250	823.3004	9.9979593	11.0124683
34	7.7603	7.7971	8.9867891	8.9888421	26	79.6227	820.8199	9.9979470	11.0111579
35	7.7835	7.8206	8.9880834	8.9901487	25	79.6205	818.3542	9.9979347	11.0098513
36	7.8066	7.8441	8.9893737	8.9914514	24	79.6182	815.9031	9.9979223	11.0085486
37	7.8298	7.8676	8.9906602	8.9927503	23	79.6159	813.4665	9.9979099	11.0072497
38	7.8530	7.8911	8.9919429	8.9940454	22	79.6136	811.0443	9.9978975	11.0059546
39	7.8761	7.9146	8.9932217	8.9953367	21	79.6114	808.6363	9.9978850	11.0046633
40	7.8993	7.9381	8.9944968	8.9966243	20	79.6091	806.2425	9.9978725	11.0033757
41	7.9224	7.9616	8.9957681	8.9979081	19	79.6068	803.8626	9.9978599	11.0020919
42	7.9456	7.9851	8.9970356	8.9991883	18	79.6044	801.4966	9.9978473	11.0008117
43	7.9687	8.0086	8.9982994	9.0004647	17	79.6021	799.1444	9.9978347	10.9995353
44	7.9919	8.0321	8.9995595	9.0017375	16	79.5998	796.8058	9.9978220	10.9982625
45	8.0150	8.0556	9.0008160	9.0030066	15	79.5975	794.4807	9.9978093	10.9969934
46	8.0382	8.0791	9.0020687	9.0042721	14	79.5951	792.1690	9.9977966	10.9957279
47	8.0614	8.1026	9.0033179	9.0055340	13	79.5928	789.8706	9.9977838	10.9944660
48	8.0845	8.1261	9.0045634	9.0067924	12	79.5904	787.5853	9.9977710	10.9932076
49	8.1077	8.1496	9.0058053	9.0080471	11	79.5881	785.3131	9.9977582	10.9919529
50	8.1308	8.1731	9.0070436	9.0092984	10	79.5857	783.0539	9.9977453	10.9907016
51	8.1540	8.1966	9.0082784	9.0105461	9	79.5834	780.8074	9.9977323	10.9894539
52	8.1771	8.2202	9.0095096	9.0117903	8	79.5810	778.5737	9.9977194	10.9882097
53	8.2003	8.2437	9.0107374	9.0130310	7	79.5786	776.3526	9.9977064	10.9869690
54	8.2234	8.2672	9.0119616	9.0142682	6	79.5762	774.1440	9.9976933	10.9857318
55	8.2466	8.2907	9.0131823	9.0155021	5	79.5738	771.9478	9.9976803	10.9844979
56	8.2697	8.3142	9.0143996	9.0167325	4	79.5714	769.7639	9.9976672	10.9832675
57	8.2928	8.3378	9.0156135	9.0179594	3	79.5690	767.5922	9.9976540	10.9820406
58	8.3160	8.3613	9.0168239	9.0191831	2	79.5666	765.4325	9.9976408	10.9808169
59	8.3391	8.3848	9.0180309	9.0204033	1	79.5642	763.2849	9.9976276	10.9795967
60	8.3623	8.4083	9.0192346	9.0216202	0	79.5617	761.1492	9.9976143	10.9783798

6 Grad.					83 Grad.				
Minut.	Sinus	Tang.	Log.Sin.	Log.Tang.	Minut.	Sinus	Tangens	Log.Sin.	Log.Tang.
0	8.3623	8.4083	9.0192346	9.0216202	60	79.5617	761.1492	9.9976143	10.9783798
1	8.3854	8.4319	9.0204348	9.0228338	59	79.5593	759.0252	9.9976011	10.9771662
2	8.4086	8.4554	9.0216318	9.0240441	58	79.5569	756.9129	9.9975877	10.9759559
3	8.4317	8.4789	9.0228254	9.0252510	57	79.5544	754.8122	9.9975743	10.9747490
4	8.4548	8.5025	9.0240157	9.0264548	56	79.5520	752.7231	9.9975609	10.9735452
5	8.4780	8.5260	9.0252027	9.0276552	55	79.5495	750.6453	9.9975475	10.9723448
6	8.5011	8.5495	9.0263865	9.0288524	54	79.5470	748.5788	9.9975340	10.9711476
7	8.5243	8.5731	9.0275669	9.0300464	53	79.5446	746.5236	9.9975205	10.9699536
8	8.5474	8.5966	9.0287442	9.0312373	52	79.5421	744.4795	9.9975069	10.9687627
9	8.5705	8.6202	9.0299182	9.0324249	51	79.5396	742.4464	9.9974933	10.9675751
10	8.5937	8.6437	9.0310890	9.0336093	50	79.5371	740.4243	9.9974797	10.9663907
11	8.6168	8.6672	9.0322567	9.0347906	49	79.5346	738.4130	9.9974660	10.9652094
12	8.6400	8.6908	9.0334212	9.0359688	48	79.5321	736.4125	9.9974523	10.9640312
13	8.6631	8.7143	9.0345825	9.0371439	47	79.5296	734.4227	9.9974386	10.9628561
14	8.6862	8.7379	9.0357407	9.0383159	46	79.5270	732.4435	9.9974248	10.9616841
15	8.7094	8.7614	9.0368958	9.0394848	45	79.5245	730.4748	9.9974110	10.9605152
16	8.7325	8.7850	9.0380477	9.0406506	44	79.5220	728.5165	9.9973971	10.9593494
17	8.7556	8.8085	9.0391966	9.0418134	43	79.5194	726.5686	9.9973833	10.9581866
18	8.7787	8.8321	9.0403424	9.0429731	42	79.5169	724.6309	9.9973693	10.9570269
19	8.8019	8.8556	9.0414852	9.0441299	41	79.5143	722.7035	9.9973554	10.9558701
20	8.8250	8.8792	9.0426249	9.0452836	40	79.5118	720.7861	9.9973414	10.9547164
21	8.8481	8.9028	9.0437617	9.0464343	39	79.5092	718.8787	9.9973273	10.9535657
22	8.8713	8.9263	9.0448954	9.0475821	38	79.5066	716.9813	9.9973132	10.9524179
23	8.8944	8.9499	9.0460261	9.0487270	37	79.5040	715.0938	9.9972991	10.9512730
24	8.9175	8.9734	9.0471538	9.0498689	36	79.5014	713.2161	9.9972850	10.9501311
25	8.9406	8.9970	9.0482786	9.0510078	35	79.4988	711.3480	9.9972708	10.9489922
26	8.9638	9.0206	9.0494005	9.0521439	34	79.4962	709.4896	9.9972566	10.9478561
27	8.9869	9.0441	9.0505194	9.0532771	33	79.4936	707.6408	9.9972423	10.9467229
28	9.0100	9.0677	9.0516354	9.0544074	32	79.4910	705.8015	9.9972280	10.9455926
29	9.0331	9.0913	9.0527485	9.0555349	31	79.4884	703.9716	9.9972137	10.9444651
30	9.0563	9.1148	9.0538588	9.0566595	30	79.4857	702.1510	9.9971993	10.9433405
31	9.0794	9.1384	9.0549661	9.0577813	29	79.4831	700.3397	9.9971849	10.9422187
32	9.1025	9.1620	9.0560706	9.0589002	28	79.4804	698.5376	9.9971704	10.9410998
33	9.1256	9.1856	9.0571723	9.0600164	27	79.4778	696.7446	9.9971559	10.9399836
34	9.1487	9.2092	9.0582711	9.0611297	26	79.4752	694.9607	9.9971414	10.9388703
35	9.1719	9.2327	9.0593672	9.0622403	25	79.4725	693.1858	9.9971268	10.9377597
36	9.1950	9.2563	9.0604604	9.0633482	24	79.4698	691.4198	9.9971122	10.9366518
37	9.2181	9.2799	9.0615509	9.0644533	23	79.4671	689.6627	9.9970976	10.9355467
38	9.2412	9.3035	9.0626386	9.0655556	22	79.4645	687.9143	9.9970829	10.9344444
39	9.2643	9.3271	9.0637235	9.0666553	21	79.4618	686.1747	9.9970682	10.9333447
40	9.2874	9.3506	9.0648057	9.0677522	20	79.4591	684.4437	9.9970535	10.9322478
41	9.3105	9.3742	9.0658852	9.0688465	19	79.4564	682.7214	9.9970387	10.9311535
42	9.3337	9.3978	9.0669619	9.0699381	18	79.4536	681.0075	9.9970239	10.9300619
43	9.3568	9.4214	9.0680360	9.0710270	17	79.4509	679.3022	9.9970090	10.9289730
44	9.3799	9.4450	9.0691074	9.0721133	16	79.4482	677.6052	9.9969941	10.9278867
45	9.4030	9.4686	9.0701761	9.0731969	15	79.4455	675.9166	9.9969792	10.9268031
46	9.4261	9.4922	9.0712421	9.0742779	14	79.4427	674.2362	9.9969642	10.9257221
47	9.4492	9.5158	9.0723055	9.0753563	13	79.4400	672.5641	9.9969492	10.9246437
48	9.4723	9.5394	9.0733663	9.0764321	12	79.4372	670.9002	9.9969342	10.9235679
49	9.4954	9.5630	9.0744244	9.0775053	11	79.4345	669.2443	9.9969191	10.9224947
50	9.5185	9.5866	9.0754799	9.0785760	10	79.4317	667.5965	9.9969040	10.9214240
51	9.5416	9.6102	9.0765329	9.0796441	9	79.4289	665.9566	9.9968888	10.9203559
52	9.5647	9.6338	9.0775832	9.0807096	8	79.4262	664.3247	9.9968736	10.9192904
53	9.5878	9.6574	9.0786310	9.0817726	7	79.4234	662.7006	9.9968584	10.9182274
54	9.6109	9.6811	9.0796762	9.0828331	6	79.4206	661.0844	9.9968431	10.9171669
55	9.6340	9.7047	9.0807189	9.0838911	5	79.4178	659.4759	9.9968278	10.9161089
56	9.6572	9.7283	9.0817590	9.0849466	4	79.4150	657.8751	9.9968125	10.9150534
57	9.6802	9.7519	9.0827966	9.0859996	3	79.4122	656.2819	9.9967971	10.9140004
58	9.7034	9.7755	9.0838317	9.0870501	2	79.4094	654.6963	9.9967817	10.9129499
59	9.7264	9.7991	9.0848643	9.0880981	1	79.4065	653.1183	9.9967662	10.9119019
60	9.7495	9.8228	9.0858945	9.0891438	0	79.4037	651.5477	9.9967507	10.9108562

7 Grad.					82 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	9.7495	9.8228	9.0858945	9.0891438	60	79.4037	651.5477	9.9967507	10.9108562
1	9.7726	9.8464	9.0869221	9.0901869	59	79.4009	649.9846	9.9967352	10.9098131
2	9.7957	9.8700	9.0879473	9.0912277	58	79.3980	648.4288	9.9967196	10.9087723
3	9.8188	9.8936	9.0889700	9.0922660	57	79.3952	646.8803	9.9967040	10.9077340
4	9.8419	9.9173	9.0899903	9.0933020	56	79.3923	645.8052	9.9966884	10.9066980
5	9.8550	9.9409	9.0910082	9.0943355	55	79.3894	642.2784	9.9966727	10.9056645
6	9.8881	9.9645	9.0920237	9.0953667	54	79.3866	640.7587	9.9966570	10.9046333
7	9.9112	9.9882	9.0930367	9.0963955	53	79.3837	639.2460	9.9966412	10.9036045
8	9.9343	10.0118	9.0940474	9.0974219	52	79.3808	637.7404	9.9966254	10.9025781
9	9.9574	10.0354	9.0950556	9.0984460	51	79.3779	636.2418	9.9966096	10.9015540
10	9.9805	10.0591	9.0960615	9.0994678	50	79.3750	634.3392	9.9965937	10.9005322
11	10.0036	10.0827	9.0970651	9.1004872	49	79.3721	633.7501	9.9965778	10.8995128
12	10.0267	10.1064	9.0980662	9.1015044	48	79.3692	632.2652	9.9965619	10.8984956
13	10.0497	10.1300	9.0990651	9.1025192	47	79.3663	631.7872	9.9965459	10.8974808
14	10.0728	10.1536	9.1000616	9.1035317	46	79.3633	630.3159	9.9965299	10.8964683
15	10.0959	10.1773	9.1010558	9.1045420	45	79.3604	628.8514	9.9965138	10.8954580
16	10.1190	10.2009	9.1020477	9.1055500	44	79.3574	627.3935	9.9964977	10.8944500
17	10.1421	10.2246	9.1030373	9.1065557	43	79.3545	625.9423	9.9964816	10.8934443
18	10.1652	10.2482	9.1040246	9.1075591	42	79.3516	624.4977	9.9964655	10.8924409
19	10.1882	10.2719	9.1050096	9.1085604	41	79.3486	623.0596	9.9964493	10.8914396
20	10.2113	10.2955	9.1059924	9.1095594	40	79.3456	621.6280	9.9964330	10.8904406
21	10.2344	10.3192	9.1069729	9.1105562	39	79.3426	620.2029	9.9964167	10.8894438
22	10.2575	10.3429	9.1079512	9.1115508	38	79.3397	618.7842	9.9964004	10.8884492
23	10.2806	10.3665	9.1089272	9.1125431	37	79.3367	617.3719	9.9963841	10.8874569
24	10.3036	10.3902	9.1099010	9.1135333	36	79.3337	615.9659	9.9963677	10.8864667
25	10.3267	10.4138	9.1108726	9.1145213	35	79.3307	614.5662	9.9963513	10.8854787
26	10.3498	10.4375	9.1118420	9.1155072	34	79.3277	613.1727	9.9963348	10.8844928
27	10.3729	10.4612	9.1128092	9.1164909	33	79.3247	611.7854	9.9963183	10.8835091
28	10.3960	10.4849	9.1137742	9.1174724	32	79.3216	610.4043	9.9963018	10.8825276
29	10.4190	10.5085	9.1147370	9.1184518	31	79.3186	609.0293	9.9962852	10.8815482
30	10.4421	10.5322	9.1156977	9.1194291	30	79.3156	607.6603	9.9962686	10.8805709
31	10.4652	10.5559	9.1166562	9.1204043	29	79.3126	606.2974	9.9962519	10.8795957
32	10.4882	10.5796	9.1176125	9.1213773	28	79.3095	604.9405	9.9962352	10.8786227
33	10.5113	10.6032	9.1185667	9.1223482	27	79.3064	603.5896	9.9962185	10.8776518
34	10.5344	10.6269	9.1195188	9.1233171	26	79.3034	602.2446	9.9962017	10.8766829
35	10.5574	10.6506	9.1204688	9.1242839	25	79.3003	600.9054	9.9961849	10.8757161
36	10.5805	10.6743	9.1214167	9.1252486	24	79.2972	599.5721	9.9961681	10.8747514
37	10.6036	10.6980	9.1223624	9.1262112	23	79.2942	598.2446	9.9961512	10.8737888
38	10.6266	10.7117	9.1233061	9.1271718	22	79.2911	596.9229	9.9961343	10.8728282
39	10.6497	10.7453	9.1242477	9.1281303	21	79.2880	595.6068	9.9961174	10.8718697
40	10.6728	10.7690	9.1251872	9.1290868	20	79.2849	594.2965	9.9961004	10.8709132
41	10.6958	10.7927	9.1261246	9.1300413	19	79.2818	592.9918	9.9960834	10.8699587
42	10.7189	10.8164	9.1270600	9.1309937	18	79.2787	591.6928	9.9960663	10.8690063
43	10.7420	10.8401	9.1279934	9.1319442	17	79.2755	590.3993	9.9960492	10.8680558
44	10.7650	10.8638	9.1289247	9.1328926	16	79.2724	589.1113	9.9960321	10.8671074
45	10.7881	10.8875	9.1298539	9.1338391	15	79.2693	587.8289	9.9960149	10.8661609
46	10.8111	10.9112	9.1307812	9.1347835	14	79.2661	586.5519	9.9959977	10.8652165
47	10.8342	10.9349	9.1317064	9.1357260	13	79.2630	585.2804	9.9959804	10.8642740
48	10.8572	10.9586	9.1326297	9.1366665	12	79.2598	584.0142	9.9959631	10.8633335
49	10.8803	10.9823	9.1335509	9.1376051	11	79.2567	582.7535	9.9959458	10.8623949
50	10.9034	11.0061	9.1344702	9.1385417	10	79.2535	581.4980	9.9959284	10.8614583
51	10.9264	11.0298	9.1353875	9.1394764	9	79.2503	580.2479	9.9959111	10.8605236
52	10.9495	11.0535	9.1363028	9.1404092	8	79.2471	579.0030	9.9958936	10.8595908
53	10.9725	11.0772	9.1372161	9.1413400	7	79.2440	577.7634	9.9958761	10.8586600
54	10.9956	11.1009	9.1381275	9.1422689	6	79.2408	576.5289	9.9958586	10.8577311
55	11.0186	11.1246	9.1390370	9.1431959	5	79.2376	575.2996	9.9958411	10.8568041
56	11.0417	11.1484	9.1399445	9.1441210	4	79.2343	574.0755	9.9958235	10.8558790
57	11.0647	11.1721	9.1408501	9.1450442	3	79.2311	572.8564	9.9958059	10.8549558
58	11.0878	11.1958	9.1417537	9.1459655	2	79.2279	571.6425	9.9957882	10.8540345
59	11.1108	11.2195	9.1426555	9.1468850	1	79.2247	570.4335	9.9957705	10.8531150
60	11.1338	11.2433	9.1435553	9.1478025	0	79.2214	569.2296	9.9957528	10.8521975

8 Grad					81 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	11. 1338	11. 2433	9. 1435553	9. 1478025	60	79. 2214	569. 2296	9. 9957528	10. 8521975
1	11. 1569	11. 2670	9. 1444532	9. 1487182	59	79. 2182	568. 0306	9. 9957350	10. 8512818
2	11. 1799	11. 2907	9. 1453493	9. 1496321	58	79. 2150	566. 8366	9. 9957172	10. 8503679
3	11. 2030	11. 3145	9. 1462435	9. 1505441	57	79. 2117	565. 6475	9. 9956993	10. 8494559
4	11. 2260	11. 3382	9. 1471358	9. 1514543	56	79. 2084	564. 4632	9. 9956815	10. 8485457
5	11. 2491	11. 3619	9. 1480262	9. 1523627	55	79. 2052	563. 2839	9. 9956635	10. 8476373
6	11. 2721	11. 3857	9. 1489148	9. 1532692	54	79. 2019	562. 1093	9. 9956456	10. 8467308
7	11. 2951	11. 4094	9. 1498015	9. 1541739	53	79. 1986	560. 9395	9. 9956276	10. 8458261
8	11. 3182	11. 4332	9. 1506864	9. 1550769	52	79. 1953	559. 7744	9. 9956095	10. 8449231
9	11. 3412	11. 4569	9. 1515694	9. 1559780	51	79. 1920	558. 6142	9. 9955915	10. 8440220
10	11. 3642	11. 4807	9. 1524507	9. 1568773	50	79. 1887	557. 4587	9. 9955734	10. 8431227
11	11. 3873	11. 5044	9. 1533301	9. 1577748	49	79. 1854	556. 3078	9. 9955552	10. 8422252
12	11. 4103	11. 5282	9. 1542076	9. 1586706	48	79. 1821	555. 1615	9. 9955370	10. 8413294
13	11. 4333	11. 5519	9. 1550834	9. 1595646	47	79. 1788	554. 0199	9. 9955188	10. 8404354
14	11. 4564	11. 5757	9. 1559574	9. 1604569	46	79. 1754	552. 8829	9. 9955005	10. 8395431
15	11. 4794	11. 5994	9. 1568296	9. 1613473	45	79. 1721	551. 7504	9. 9954822	10. 8386527
16	11. 5024	11. 6232	9. 1577000	9. 1622361	44	79. 1688	550. 6225	9. 9954639	10. 8377639
17	11. 5255	11. 6470	9. 1585686	9. 1631231	43	79. 1654	549. 4990	9. 9954455	10. 8368769
18	11. 5485	11. 6707	9. 1594354	9. 1640083	42	79. 1621	548. 3801	9. 9954271	10. 8359917
19	11. 5715	11. 6945	9. 1603005	9. 1648919	41	79. 1587	547. 2656	9. 9954087	10. 8351081
20	11. 5946	11. 7183	9. 1611639	9. 1657737	40	79. 1553	546. 1555	9. 9953902	10. 8342263
21	11. 6176	11. 7420	9. 1620254	9. 1666538	39	79. 1520	545. 0498	9. 9953717	10. 8333462
22	11. 6406	11. 7658	9. 1628853	9. 1675322	38	79. 1486	543. 9485	9. 9953531	10. 8324678
23	11. 6636	11. 7896	9. 1637434	9. 1684089	37	79. 1452	542. 8516	9. 9953345	10. 8315911
24	11. 6866	11. 8134	9. 1645998	9. 1692839	36	79. 1418	541. 7589	9. 9953159	10. 8307161
25	11. 7097	11. 8372	9. 1654544	9. 1701572	35	79. 1384	540. 6706	9. 9952972	10. 8298428
26	11. 7327	11. 8609	9. 1663074	9. 1710289	34	79. 1350	539. 5865	9. 9952785	10. 8289711
27	11. 7557	11. 8847	9. 1671586	9. 1718989	33	79. 1316	538. 5067	9. 9952597	10. 8281011
28	11. 7787	11. 9085	9. 1680081	9. 1727672	32	79. 1281	537. 4311	9. 9952409	10. 8272328
29	11. 8017	11. 9323	9. 1688559	9. 1736338	31	79. 1247	536. 3597	9. 9952221	10. 8263662
30	11. 8248	11. 9561	9. 1697021	9. 1744988	30	79. 1213	535. 2925	9. 9952033	10. 8255012
31	11. 8478	11. 9799	9. 1705465	9. 1753622	29	79. 1178	534. 2294	9. 9951844	10. 8246378
32	11. 8708	12. 0037	9. 1713893	9. 1762239	28	79. 1144	533. 1705	9. 9951654	10. 8237761
33	11. 8938	12. 0275	9. 1722305	9. 1770840	27	79. 1109	532. 1156	9. 9951464	10. 8229160
34	11. 9168	12. 0513	9. 1730699	9. 1779425	26	79. 1075	531. 0648	9. 9951274	10. 8220575
35	11. 9398	12. 0751	9. 1739077	9. 1787993	25	79. 1040	530. 0181	9. 9951084	10. 8212007
36	11. 9628	12. 0989	9. 1747439	9. 1796546	24	79. 1005	528. 9754	9. 9950893	10. 8203454
37	11. 9858	12. 1227	9. 1755784	9. 1805082	23	79. 0970	527. 9366	9. 9950702	10. 8194918
38	12. 0088	12. 1465	9. 1764112	9. 1813602	22	79. 0935	526. 9019	9. 9950510	10. 8186398
39	12. 0318	12. 1703	9. 1772425	9. 1822106	21	79. 0900	525. 8711	9. 9950318	10. 8177894
40	12. 0549	12. 1941	9. 1780721	9. 1830595	20	79. 0865	524. 8443	9. 9950126	10. 8169405
41	12. 0779	12. 2179	9. 1789001	9. 1839068	19	79. 0830	523. 8214	9. 9949933	10. 8160932
42	12. 1009	12. 2417	9. 1797265	9. 1847525	18	79. 0795	522. 8023	9. 9949740	10. 8152475
43	12. 1239	12. 2655	9. 1805512	9. 1855966	17	79. 0760	521. 7872	9. 9949546	10. 8144034
44	12. 1469	12. 2895	9. 1813744	9. 1864392	16	79. 0725	520. 7758	9. 9949352	10. 8135608
45	12. 1699	12. 3132	9. 1821960	9. 1872802	15	79. 0689	519. 7683	9. 9949158	10. 8127198
46	12. 1929	12. 3370	9. 1830160	9. 1881196	14	79. 0654	518. 7646	9. 9948964	10. 8118804
47	12. 2159	12. 3608	9. 1838344	9. 1889575	13	79. 0618	517. 7647	9. 9948769	10. 8110425
48	12. 2389	12. 3847	9. 1846512	9. 1897939	12	79. 0583	516. 7686	9. 9948573	10. 8102061
49	12. 2619	12. 4085	9. 1854665	9. 1906287	11	79. 0547	515. 7761	9. 9948377	10. 8093713
50	12. 2849	12. 4323	9. 1862802	9. 1914621	10	79. 0511	514. 7874	9. 9948181	10. 8085379
51	12. 3079	12. 4562	9. 1870923	9. 1922939	9	79. 0476	513. 8024	9. 9947985	10. 8077061
52	12. 3308	12. 4800	9. 1879029	9. 1931241	8	79. 0440	512. 8211	9. 9947788	10. 8068759
53	12. 3538	12. 5038	9. 1887120	9. 1939529	7	79. 0404	511. 8434	9. 9947591	10. 8060471
54	12. 3768	12. 5277	9. 1895195	9. 1947802	6	79. 0368	510. 8693	9. 9947393	10. 8052198
55	12. 3998	12. 5515	9. 1903254	9. 1956059	5	79. 0332	509. 8989	9. 9947195	10. 8043941
56	12. 4228	12. 5754	9. 1911299	9. 1964302	4	79. 0296	508. 9320	9. 9946997	10. 8035698
57	12. 4458	12. 5992	9. 1919328	9. 1972530	3	79. 0260	507. 9687	9. 9946798	10. 8027470
58	12. 4688	12. 6230	9. 1927342	9. 1980743	2	79. 0223	507. 0090	9. 9946599	10. 8019257
59	12. 4918	12. 6469	9. 1935341	9. 1988941	1	79. 0187	506. 0528	9. 9946399	10. 8011059
60	12. 5148	12. 6708	9. 1943324	9. 1997125	0	79. 0151	505. 1001	9. 9946199	10. 8002875

9 Grad.					80 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	12.5148	12.6708	9.1943324	9.1997125	60	79.0151	505.1001	9.9946199	10.8002875
1	12.5377	12.6946	9.1951293	9.2005294	59	79.0114	504.1509	9.9945999	10.7994706
2	12.5607	12.7185	9.1959247	9.2013449	58	79.0078	503.2052	9.9945798	10.7986551
3	12.5837	12.7423	9.1967186	9.2021588	57	79.0041	502.2629	9.9945597	10.7978411
4	12.6067	12.7662	9.1975110	9.2029714	56	79.0005	501.3241	9.9945396	10.7970286
5	12.6297	12.7901	9.1983019	9.2037825	55	78.9968	500.3887	9.9945194	10.7962175
6	12.6526	12.8139	9.1990913	9.2045922	54	78.9931	499.4567	9.9944992	10.7954078
7	12.6756	12.8378	9.1998793	9.2054004	53	78.9894	498.5281	9.9944789	10.7945996
8	12.6986	12.8617	9.2006658	9.2062072	52	78.9857	497.6028	9.9944587	10.7937928
9	12.7216	12.8855	9.2014509	9.2070126	51	78.9820	496.6808	9.9944383	10.7929874
10	12.7446	12.9094	9.2022345	9.2078165	50	78.9783	495.7622	9.9944180	10.7921835
11	12.7675	12.9333	9.2030167	9.2086191	49	78.9746	494.8469	9.9943975	10.7913809
12	12.7905	12.9572	9.2037974	9.2094203	48	78.9709	493.9349	9.9943771	10.7905797
13	12.8135	12.9811	9.2045766	9.2102200	47	78.9672	493.0262	9.9943566	10.7897800
14	12.8364	13.0049	9.2053545	9.2110184	46	78.9634	492.1207	9.9943361	10.7889816
15	12.8594	13.0288	9.2061309	9.2118153	45	78.9597	491.2184	9.9943156	10.7881847
16	12.8824	13.0527	9.2069059	9.2126109	44	78.9560	490.3194	9.9942950	10.7873891
17	12.9053	13.0766	9.2076795	9.2134051	43	78.9522	489.4235	9.9942743	10.7865949
18	12.9283	13.1005	9.2084516	9.2141980	42	78.9485	488.5309	9.9942537	10.7858020
19	12.9513	13.1244	9.2092224	9.2149894	41	78.9447	487.6414	9.9942330	10.7850106
20	12.9742	13.1483	9.2099917	9.2157795	40	78.9409	486.7550	9.9942122	10.7842205
21	12.9972	13.1722	9.2107597	9.2165683	39	78.9371	485.8718	9.9941914	10.7834317
22	13.0202	13.1961	9.2115263	9.2173556	38	78.9334	484.9917	9.9941706	10.7826444
23	13.0431	13.2200	9.2122914	9.2181417	37	78.9296	484.1147	9.9941498	10.7818583
24	13.0661	13.2439	9.2130552	9.2189264	36	78.9258	483.2408	9.9941289	10.7810736
25	13.0890	13.2678	9.2138176	9.2197097	35	78.9220	482.3700	9.9941079	10.7802903
26	13.1120	13.2917	9.2145787	9.2204917	34	78.9182	481.5022	9.9940870	10.7795083
27	13.1349	13.3156	9.2153384	9.2212724	33	78.9143	480.6374	9.9940659	10.7787276
28	13.1579	13.3396	9.2160967	9.2220518	32	78.9105	479.7757	9.9940449	10.7779482
29	13.1809	13.3635	9.2168536	9.2228298	31	78.9067	478.9169	9.9940238	10.7771702
30	13.2038	13.3874	9.2176092	9.2236065	30	78.9028	478.0612	9.9940027	10.7763935
31	13.2268	13.4113	9.2183635	9.2243819	29	78.8990	477.2084	9.9939815	10.7756181
32	13.2497	13.4353	9.2191164	9.2251561	28	78.8952	476.3585	9.9939603	10.7748439
33	13.2727	13.4592	9.2198680	9.2259289	27	78.8913	475.5116	9.9939391	10.7740711
34	13.2956	13.4831	9.2206182	9.2267004	26	78.8874	474.6676	9.9939178	10.7732996
35	13.3186	13.5070	9.2213671	9.2274706	25	78.8836	473.8266	9.9938965	10.7725294
36	13.3415	13.5310	9.2221147	9.2282395	24	78.8797	472.9884	9.9938752	10.7717605
37	13.3644	13.5549	9.2228609	9.2290071	23	78.8758	472.1531	9.9938538	10.7709929
38	13.3874	13.5789	9.2236059	9.2297735	22	78.8719	471.3207	9.9938324	10.7702265
39	13.4103	13.6028	9.2243495	9.2305386	21	78.8680	470.4911	9.9938109	10.7694614
40	13.4333	13.6268	9.2250918	9.2313024	20	78.8641	469.6643	9.9937894	10.7686976
41	13.4562	13.6507	9.2258328	9.2320650	19	78.8602	468.8404	9.9937679	10.7679350
42	13.4792	13.6746	9.2265725	9.2328262	18	78.8563	468.0193	9.9937463	10.7671738
43	13.5021	13.6986	9.2273110	9.2335863	17	78.8524	467.2009	9.9937247	10.7664137
44	13.5250	13.7226	9.2280481	9.2343451	16	78.8484	466.3854	9.9937030	10.7656549
45	13.5480	13.7465	9.2287839	9.2351026	15	78.8445	465.5726	9.9936813	10.7648974
46	13.5709	13.7705	9.2295185	9.2358589	14	78.8405	464.7625	9.9936596	10.7641411
47	13.5938	13.7944	9.2302518	9.2366139	13	78.8366	463.9552	9.9936378	10.7633861
48	13.6168	13.8184	9.2309838	9.2373678	12	78.8326	463.1506	9.9936160	10.7626322
49	13.6397	13.8424	9.2317145	9.2381203	11	78.8287	462.3487	9.9935942	10.7618797
50	13.6626	13.8663	9.2324440	9.2388717	10	78.8247	461.5495	9.9935723	10.7611283
51	13.6856	13.8903	9.2331722	9.2396218	9	78.8207	460.7530	9.9935504	10.7603782
52	13.7085	13.9143	9.2338992	9.2403708	8	78.8167	459.9591	9.9935285	10.7596292
53	13.7314	13.9383	9.2346249	9.2411185	7	78.8127	459.1679	9.9935065	10.7588815
54	13.7543	13.9622	9.2353494	9.2418650	6	78.8087	458.3793	9.9934844	10.7581350
55	13.7772	13.9862	9.2360726	9.2426103	5	78.8047	457.5934	9.9934624	10.7573897
56	13.8002	14.0102	9.2367946	9.2433543	4	78.8007	456.8100	9.9934403	10.7566457
57	13.8231	14.0342	9.2375153	9.2440972	3	78.7967	456.0293	9.9934181	10.7559028
58	13.8460	14.0582	9.2382349	9.2448389	2	78.7927	455.2512	9.9933959	10.7551611
59	13.8689	14.0822	9.2389532	9.2455794	1	78.7887	454.4756	9.9933737	10.7544206
60	13.8919	14.1062	9.2396702	9.2463188	0	78.7846	453.7025	9.9933515	10.7536812

10 Grad					79 Grad.				
Minut.	Sinus	Tang.	Log.Sin.	Log.Tang.	Minut.	Sinus	Tangens	Log.Sin.	Log.Tang.
0	13.8919	14.1062	9.2396702	9.2463188	60	78.7846	453.7025	9.9933515	10.7536812
1	13.9148	14.1302	9.2403861	9.2470569	59	78.7806	452.9321	9.9933292	10.7529431
2	13.9377	14.1542	9.2411007	9.2477939	58	78.7765	452.1641	9.9933068	10.7522061
3	13.9606	14.1782	9.2418141	9.2485297	57	78.7725	451.3987	9.9932845	10.7514703
4	13.9835	14.2022	9.2425264	9.2492643	56	78.7684	450.6358	9.9932621	10.7507357
5	14.0064	14.2262	9.2432374	9.2499978	55	78.7643	449.8754	9.9932396	10.7500022
6	14.0293	14.2502	9.2439472	9.2507301	54	78.7602	449.1174	9.9932171	10.7492699
7	14.0522	14.2742	9.2446558	9.2514612	53	78.7562	448.3620	9.9931946	10.7485388
8	14.0752	14.2982	9.2453632	9.2521912	52	78.7521	447.6090	9.9931720	10.7478088
9	14.0981	14.3222	9.2460695	9.2529200	51	78.7480	446.8584	9.9931494	10.7470800
10	14.1210	14.3462	9.2467746	9.2536477	50	78.7439	446.1103	9.9931268	10.7463523
11	14.1439	14.3702	9.2474784	9.2543743	49	78.7398	445.3646	9.9931041	10.7456257
12	14.1668	14.3943	9.2481811	9.2550997	48	78.7356	444.6213	9.9930814	10.7449003
13	14.1897	14.4183	9.2488827	9.2558240	47	78.7315	443.8804	9.9930587	10.7441760
14	14.2126	14.4423	9.2495830	9.2565472	46	78.7274	443.1419	9.9930359	10.7434528
15	14.2355	14.4664	9.2502822	9.2572691	45	78.7233	442.4058	9.9930131	10.7427308
16	14.2584	14.4904	9.2509803	9.2579901	44	78.7191	441.6720	9.9929902	10.7420099
17	14.2813	14.5144	9.2516772	9.2587099	43	78.7150	440.9406	9.9929673	10.7412901
18	14.3042	14.5385	9.2523729	9.2594285	42	78.7108	440.2116	9.9929444	10.7405715
19	14.3271	14.5625	9.2530675	9.2601461	41	78.7066	439.4848	9.9929214	10.7398539
20	14.3500	14.5865	9.2537609	9.2608625	40	78.7025	438.7604	9.9928984	10.7391375
21	14.3729	14.6106	9.2544532	9.2615779	39	78.6983	438.0383	9.9928753	10.7384221
22	14.3958	14.6346	9.2551444	9.2622921	38	78.6941	437.3185	9.9928522	10.7377079
23	14.4186	14.6587	9.2558344	9.2630053	37	78.6899	436.6010	9.9928291	10.7369947
24	14.4415	14.6827	9.2565233	9.2637173	36	78.6857	435.8857	9.9928059	10.7362827
25	14.4644	14.7068	9.2572110	9.2644283	35	78.6815	435.1727	9.9927827	10.7355717
26	14.4873	14.7309	9.2578977	9.2651382	34	78.6773	434.4620	9.9927595	10.7348618
27	14.5102	14.7549	9.2585832	9.2658470	33	78.6731	433.7535	9.9927362	10.7341530
28	14.5331	14.7790	9.2592676	9.2665547	32	78.6689	433.0472	9.9927129	10.7334453
29	14.5560	14.8030	9.2599509	9.2672613	31	78.6646	432.3432	9.9926895	10.7327387
30	14.5788	14.8271	9.2606330	9.2679669	30	78.6604	431.6414	9.9926661	10.7320331
31	14.6017	14.8512	9.2613141	9.2686714	29	78.6561	430.9417	9.9926427	10.7313286
32	14.6246	14.8753	9.2619941	9.2693749	28	78.6519	430.2443	9.9926192	10.7306251
33	14.6475	14.8993	9.2626729	9.2700772	27	78.6476	429.5490	9.9925957	10.7299228
34	14.6704	14.9234	9.2633507	9.2707786	26	78.6434	428.8559	9.9925722	10.7292214
35	14.6932	14.9475	9.2640274	9.2714788	25	78.6391	428.1650	9.9925486	10.7285212
36	14.7161	14.9716	9.2647030	9.2721780	24	78.6348	427.4762	9.9925250	10.7278220
37	14.7390	14.9957	9.2653775	9.2728762	23	78.6305	426.7896	9.9925013	10.7271238
38	14.7619	15.0198	9.2660509	9.2735733	22	78.6262	426.1050	9.9924776	10.7264267
39	14.7847	15.0439	9.2667232	9.2742694	21	78.6220	425.4226	9.9924539	10.7257306
40	14.8076	15.0680	9.2673945	9.2749644	20	78.6176	424.7423	9.9924301	10.7250356
41	14.8305	15.0921	9.2680647	9.2756584	19	78.6133	424.0641	9.9924063	10.7243416
42	14.8533	15.1162	9.2687338	9.2763514	18	78.6090	423.3880	9.9923824	10.7236486
43	14.8762	15.1403	9.2694019	9.2770434	17	78.6047	422.7140	9.9923585	10.7229566
44	14.8991	15.1644	9.2700689	9.2777343	16	78.6004	422.0420	9.9923346	10.7222657
45	14.9219	15.1885	9.2707348	9.2784242	15	78.5960	421.3721	9.9923106	10.7215758
46	14.9448	15.2126	9.2713997	9.2791131	14	78.5917	420.7043	9.9922866	10.7208869
47	14.9676	15.2367	9.2720635	9.2798009	13	78.5873	420.0385	9.9922626	10.7201991
48	14.9905	15.2608	9.2727263	9.2804878	12	78.5830	419.3747	9.9922385	10.7195122
49	15.0134	15.2849	9.2733880	9.2811736	11	78.5786	418.7129	9.9922144	10.7188264
50	15.0362	15.3091	9.2740487	9.2818585	10	78.5742	418.0532	9.9921902	10.7181415
51	15.0591	15.3332	9.2747083	9.2825423	9	78.5699	417.3954	9.9921660	10.7174577
52	15.0819	15.3573	9.2753669	9.2832251	8	78.5655	416.7397	9.9921418	10.7167749
53	15.1048	15.3814	9.2760245	9.2839070	7	78.5611	416.0859	9.9921175	10.7160930
54	15.1276	15.4056	9.2766811	9.2845878	6	78.5567	415.4341	9.9920932	10.7154122
55	15.1505	15.4297	9.2773366	9.2852677	5	78.5523	414.7843	9.9920689	10.7147323
56	15.1733	15.4538	9.2779911	9.2859466	4	78.5479	414.1364	9.9920445	10.7140534
57	15.1962	15.4780	9.2786445	9.2866245	3	78.5435	413.4905	9.9920201	10.7133755
58	15.2190	15.5021	9.2792970	9.2873014	2	78.5390	412.8465	9.9919956	10.7126986
59	15.2419	15.5263	9.2799484	9.2879773	1	78.5346	412.2045	9.9919711	10.7120227
60	15.2647	15.5504	9.2805988	9.2886523	0	78.5302	411.5643	9.9919466	10.7113477

Minut.	11 Grad.				Minut.	78 Grad.			
	Sinus	Tang.	Log. Sin.	Log. Tang.		Sinus	Tangens	Log. Sin.	Log. Tang.
0	15.2647	15.5504	9.2805988	9.2886523	60	78.5302	411.5643	9.9919466	10.7113477
1	15.2876	15.5746	9.2812483	9.2893263	59	78.5257	410.9261	9.9919220	10.7106737
2	15.3104	15.5987	9.2818967	9.2899993	58	78.5213	410.2898	9.9918974	10.7100007
3	15.3332	15.6229	9.2825441	9.2906713	57	78.5168	409.6554	9.9918727	10.7093287
4	15.3561	15.6470	9.2831905	9.2913424	56	78.5124	409.0228	9.9918480	10.7086576
5	15.3789	15.6712	9.2838359	9.2920126	55	78.5079	408.3922	9.9918233	10.7079874
6	15.4018	15.6954	9.2844803	9.2926817	54	78.5034	407.7634	9.9917986	10.7073183
7	15.4246	15.7195	9.2851237	9.2933500	53	78.4989	407.1365	9.9917737	10.7066500
8	15.4474	15.7437	9.2857661	9.2940172	52	78.4944	406.5114	9.9917489	10.7059828
9	15.4703	15.7679	9.2864076	9.2946836	51	78.4899	405.8882	9.9917240	10.7053164
10	15.4931	15.7921	9.2870480	9.2953489	50	78.4854	405.2668	9.9916991	10.7046511
11	15.5159	15.8162	9.2876875	9.2960134	49	78.4809	404.6473	9.9916741	10.7039866
12	15.5388	15.8404	9.2883260	9.2966769	48	78.4764	404.0295	9.9916492	10.7033231
13	15.5616	15.8646	9.2889636	9.2973395	47	78.4719	403.4136	9.9916241	10.7026605
14	15.5844	15.8888	9.2896001	9.2980011	46	78.4674	402.7995	9.9915990	10.7019989
15	15.6072	15.9130	9.2902357	9.2986618	45	78.4628	402.1872	9.9915739	10.7013382
16	15.6300	15.9372	9.2908704	9.2993216	44	78.4583	401.5766	9.9915488	10.7006784
17	15.6529	15.9614	9.2915040	9.2999804	43	78.4537	400.9679	9.9915236	10.7000196
18	15.6757	15.9856	9.2921367	9.3006383	42	78.4492	400.3609	9.9914984	10.7993617
19	15.6985	16.0098	9.2927685	9.3012954	41	78.4446	399.7557	9.9914731	10.6987046
20	15.7213	16.0340	9.2933993	9.3019514	40	78.4400	399.1522	9.9914478	10.6980486
21	15.7441	16.0582	9.2940291	9.3026066	39	78.4355	398.5505	9.9914225	10.6973934
22	15.7670	16.0824	9.2946580	9.3032609	38	78.4309	397.9505	9.9913971	10.6967391
23	15.7898	16.1066	9.2952859	9.3039143	37	78.4263	397.3523	9.9913717	10.6960857
24	15.8126	16.1308	9.2959129	9.3045667	36	78.4217	396.7558	9.9913462	10.6954333
25	15.8354	16.1550	9.2965390	9.3052183	35	78.4171	396.1610	9.9913207	10.6947817
26	15.8582	16.1793	9.2971641	9.3058689	34	78.4125	395.5679	9.9912952	10.6941311
27	15.8810	16.2035	9.2977883	9.3065187	33	78.4079	394.9765	9.9912696	10.6934813
28	15.9038	16.2277	9.2984116	9.3071675	32	78.4032	394.3869	9.9912440	10.6928325
29	15.9266	16.2520	9.2990339	9.3078155	31	78.3986	393.7989	9.9912184	10.6921845
30	15.9494	16.2762	9.2996553	9.3084626	30	78.3940	393.2126	9.9911927	10.6915374
31	15.9722	16.3004	9.3002758	9.3091088	29	78.3893	392.6279	9.9911670	10.6908912
32	15.9950	16.3247	9.3008953	9.3097541	28	78.3847	392.0450	9.9911412	10.6902459
33	16.0178	16.3489	9.3015140	9.3093985	27	78.3800	391.4636	9.9911154	10.6896015
34	16.0406	16.3731	9.3021317	9.3110421	26	78.3754	390.8840	9.9910896	10.6889579
35	16.0634	16.3974	9.3027485	9.3116848	25	78.3707	390.3060	9.9910637	10.6883152
36	16.0862	16.4216	9.3033644	9.3123266	24	78.3660	389.7296	9.9910378	10.6876734
37	16.1090	16.4459	9.3039794	9.3129675	23	78.3613	389.1549	9.9910119	10.6870325
38	16.1318	16.4702	9.3045934	9.3136076	22	78.3566	388.5818	9.9909859	10.6863924
39	16.1546	16.4944	9.3052066	9.3142468	21	78.3520	388.0103	9.9909598	10.6857532
40	16.1774	16.5187	9.3058189	9.3148851	20	78.3472	387.4404	9.9909338	10.6851149
41	16.2002	16.5429	9.3064303	9.3155226	19	78.3425	386.8721	9.9909077	10.6844774
42	16.2230	16.5672	9.3070407	9.3161592	18	78.3378	386.3054	9.9908815	10.6838408
43	16.2458	16.5915	9.3076503	9.3167950	17	78.3331	385.7403	9.9908553	10.6832050
44	16.2686	16.6157	9.3082590	9.3174299	16	78.3284	385.1768	9.9908291	10.6825701
45	16.2913	16.6400	9.3088668	9.3180640	15	78.3236	384.6148	9.9908029	10.6819360
46	16.3141	16.6643	9.3094737	9.3186972	14	78.3189	384.0545	9.9907766	10.6813028
47	16.3369	16.6886	9.3100798	9.3193295	13	78.3141	383.4957	9.9907502	10.6806705
48	16.3597	16.7129	9.3106849	9.3199611	12	78.3094	382.9384	9.9907239	10.6800389
49	16.3825	16.7372	9.3112892	9.3205918	11	78.3046	382.3827	9.9906974	10.6794082
50	16.4052	16.7614	9.3118926	9.3212216	10	78.2999	381.8285	9.9906710	10.6787784
51	16.4280	16.7857	9.3124951	9.3218506	9	78.2951	381.2759	9.9906445	10.6781494
52	16.4508	16.8100	9.3130968	9.3224788	8	78.2903	380.7248	9.9906180	10.6775212
53	16.4736	16.8343	9.3136976	9.3231061	7	78.2855	380.1753	9.9905914	10.6768939
54	16.4963	16.8586	9.3142975	9.3237327	6	78.2807	379.6272	9.9905648	10.6762673
55	16.5191	16.8830	9.3148965	9.3243584	5	78.2759	379.0807	9.9905382	10.6756416
56	16.5419	16.9073	9.3154947	9.3249832	4	78.2711	378.5356	9.9905111	10.6750168
57	16.5646	16.9316	9.3160921	9.3256073	3	78.2663	377.9921	9.9904848	10.6743927
58	16.5874	16.9559	9.3166885	9.3262305	2	78.2615	377.4500	9.9904580	10.6737695
59	16.6102	16.9802	9.3172841	9.3268529	1	78.2566	376.9095	9.9904312	10.6731471
60	16.6329	17.0045	9.3178789	9.3274745	0	78.2518	376.3704	9.9904044	10.6725255

12 Grad.					77 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	16.6329	17.0045	9.3178789	9.3274745	60	78.2518	376.3704	9.9904044	10.6725255
1	16.6557	17.0288	9.3184728	9.3280953	59	78.2470	375.8328	9.9903775	10.6719047
2	16.6785	17.0532	9.3190659	9.3287153	58	78.2421	375.2967	9.9903506	10.6712847
3	16.7012	17.0775	9.3196581	9.3293345	57	78.2373	374.7620	9.9903237	10.6706655
4	16.7240	17.1018	9.3202495	9.3299528	56	78.2324	374.2288	9.9902967	10.6700472
5	16.7467	17.1262	9.3208400	9.3305704	55	78.2275	373.6970	9.9902697	10.6694296
6	16.7695	17.1505	9.3214297	9.3311872	54	78.2227	373.1667	9.9902426	10.6688128
7	16.7922	17.1749	9.3220186	9.3318031	53	78.2178	372.6378	9.9902155	10.6681969
8	16.8150	17.1992	9.3226066	9.3324183	52	78.2129	372.1103	9.9901883	10.6675817
9	16.8377	17.2236	9.3231938	9.3330327	51	78.2080	371.5843	9.9901612	10.6669673
10	16.8605	17.2479	9.3237802	9.3336463	50	78.2031	371.0597	9.9901339	10.6663537
11	16.8832	17.2723	9.3243657	9.3342591	49	78.1982	370.5364	9.9901067	10.6657409
12	16.9060	17.2966	9.3249505	9.3348711	48	78.1933	370.0147	9.9900794	10.6651289
13	16.9287	17.3210	9.3255344	9.3354823	47	78.1884	369.4943	9.9900521	10.6645177
14	16.9515	17.3453	9.3261174	9.3360927	46	78.1834	368.9753	9.9900247	10.6639073
15	16.9742	17.3697	9.3266997	9.3367024	45	78.1785	368.4577	9.9899973	10.6632976
16	16.9970	17.3941	9.3272811	9.3373113	44	78.1735	367.9414	9.9899698	10.6626887
17	17.0197	17.4184	9.3278617	9.3379194	43	78.1686	367.4266	9.9899423	10.6620806
18	17.0424	17.4428	9.3284416	9.3385267	42	78.1636	366.9131	9.9899148	10.6614733
19	17.0652	17.4672	9.3290206	9.3391333	41	78.1587	366.4010	9.9898873	10.6608667
20	17.0879	17.4916	9.3295988	9.3397391	40	78.1537	365.8903	9.9898597	10.6602609
21	17.1106	17.5160	9.3301761	9.3403441	39	78.1487	365.3809	9.9898320	10.6596559
22	17.1334	17.5404	9.3307527	9.3409484	38	78.1438	364.8729	9.9898043	10.6590516
23	17.1561	17.5647	9.3313285	9.3415519	37	78.1388	364.3662	9.9897766	10.6584481
24	17.1788	17.5891	9.3319035	9.3421546	36	78.1338	363.8609	9.9897489	10.6578454
25	17.2016	17.6135	9.3324777	9.3427566	35	78.1288	363.3569	9.9897211	10.6572434
26	17.2243	17.6379	9.3330511	9.3433578	34	78.1238	362.8542	9.9896932	10.6566422
27	17.2470	17.6623	9.3336237	9.3439583	33	78.1188	362.3528	9.9896654	10.6560417
28	17.2697	17.6868	9.3341955	9.3445580	32	78.1137	361.8528	9.9896374	10.6554420
29	17.2924	17.7112	9.3347665	9.3451570	31	78.1087	361.3541	9.9896095	10.6548430
30	17.3152	17.7356	9.3353368	9.3457552	30	78.1037	360.8567	9.9895815	10.6542448
31	17.3379	17.7600	9.3359062	9.3463527	29	78.0986	360.3606	9.9895535	10.6536473
32	17.3606	17.7844	9.3364749	9.3469494	28	78.0936	359.8658	9.9895254	10.6530506
33	17.3833	17.8088	9.3370428	9.3475454	27	78.0885	359.3723	9.9894973	10.6524546
34	17.4060	17.8333	9.3376099	9.3481407	26	78.0835	358.8800	9.9894692	10.6518593
35	17.4287	17.8577	9.3381762	9.3487352	25	78.0784	358.3891	9.9894410	10.6512648
36	17.4515	17.8821	9.3387418	9.3493290	24	78.0733	357.8994	9.9894128	10.6506710
37	17.4742	17.9066	9.3393065	9.3499220	23	78.0683	357.4110	9.9893845	10.6500780
38	17.4969	17.9310	9.3398706	9.3505143	22	78.0632	356.9239	9.9893562	10.6494857
39	17.5196	17.9554	9.3404338	9.3511059	21	78.0581	356.4380	9.9893279	10.6488941
40	17.5423	17.9799	9.3409963	9.3516968	20	78.0530	355.9534	9.9892995	10.6483032
41	17.5650	18.0043	9.3415580	9.3522869	19	78.0479	355.4701	9.9892711	10.6477131
42	17.5877	18.0288	9.3421190	9.3528763	18	78.0428	354.9880	9.9892427	10.6471237
43	17.6104	18.0532	9.3426792	9.3534650	17	78.0376	354.5071	9.9892142	10.6465350
44	17.6331	18.0777	9.3432386	9.3540530	16	78.0325	354.0275	9.9891856	10.6459470
45	17.6558	18.1022	9.3437973	9.3546402	15	78.0274	353.5491	9.9891571	10.6453598
46	17.6785	18.1266	9.3443552	9.3552267	14	78.0222	353.0720	9.9891285	10.6447733
47	17.7012	18.1511	9.3449124	9.3558127	13	78.0171	352.5960	9.9890998	10.6441874
48	17.7239	18.1756	9.3454688	9.3563977	12	78.0120	352.1213	9.9890711	10.6436023
49	17.7466	18.2000	9.3460245	9.3569821	11	78.0068	351.6478	9.9890424	10.6430179
50	17.7693	18.2245	9.3465794	9.3575658	10	78.0016	351.1755	9.9890137	10.6424342
51	17.7920	18.2490	9.3471336	9.3581487	9	77.9964	350.7044	9.9889849	10.6418513
52	17.8146	18.2735	9.3476870	9.3587310	8	77.9913	350.2345	9.9889560	10.6412690
53	17.8373	18.2980	9.3482397	9.3593126	7	77.9861	349.7658	9.9889271	10.6406874
54	17.8600	18.3224	9.3487917	9.3598935	6	77.9809	349.2983	9.9888982	10.6401065
55	17.8827	18.3469	9.3493429	9.3604736	5	77.9757	348.8320	9.9888693	10.6395264
56	17.9054	18.3714	9.3498934	9.3610531	4	77.9705	348.3669	9.9888403	10.6389469
57	17.9281	18.3959	9.3504432	9.3616319	3	77.9653	347.9029	9.9888113	10.6383681
58	17.9507	18.4204	9.3509922	9.3622100	2	77.9601	347.4401	9.9887822	10.6377900
59	17.9734	18.4449	9.3515405	9.3627874	1	77.9548	346.9786	9.9887531	10.6372126
60	17.9961	18.4695	9.3520880	9.3633641	0	77.9496	346.5181	9.9887239	10.6366359

13 Grad.					76. Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	17.9961	18.4695	9.3520880	9.3633641	60	77.9469	346.5181	9.9887239	10.6366359
1	18.0188	18.4940	9.3526349	9.3639401	59	77.9444	346.0588	9.9886947	10.6360599
2	18.0414	18.5185	9.3531810	9.3645155	58	77.9391	345.6006	9.9886655	10.6354845
3	18.0641	18.5430	9.3537264	9.3650901	57	77.9339	345.1436	9.9886363	10.6349099
4	18.0868	18.5675	9.3542710	9.3656641	56	77.9286	344.6878	9.9886070	10.6343359
5	18.1094	18.5921	9.3548150	9.3662374	55	77.9234	344.2331	9.9885776	10.6337626
6	18.1321	18.6166	9.3553582	9.3668100	54	77.9181	343.7795	9.9885482	10.6331900
7	18.1548	18.6411	9.3559007	9.3673819	53	77.9128	343.3271	9.9885188	10.6326181
8	18.1774	18.6657	9.3564426	9.3679532	52	77.9075	342.8758	9.9884894	10.6320468
9	18.2001	18.6902	9.3569836	9.3685238	51	77.9022	342.4256	9.9884599	10.6314762
10	18.2228	18.7147	9.3575240	9.3690937	50	77.8969	341.9765	9.9884303	10.6309063
11	18.2454	18.7393	9.3580637	9.3696629	49	77.8916	341.5286	9.9884008	10.6303371
12	18.2681	18.7638	9.3586027	9.3702315	48	77.8863	341.0817	9.9883712	10.6297685
13	18.2907	18.7884	9.3591409	9.3707994	47	77.8810	340.6360	9.9883415	10.6292006
14	18.3134	18.8129	9.3596785	9.3713667	46	77.8757	340.1914	9.9883118	10.6286333
15	18.3360	18.8375	9.3602154	9.3719333	45	77.8703	339.7479	9.9882821	10.6280667
16	18.3587	18.8621	9.3607515	9.3724992	44	77.8650	339.3054	9.9882523	10.6275008
17	18.3813	18.8866	9.3612870	9.3730645	43	77.8597	338.8641	9.9882225	10.6269355
18	18.4040	18.9112	9.3618217	9.3736291	42	77.8543	338.4238	9.9881927	10.6263709
19	18.4266	18.9358	9.3623558	9.3741930	41	77.8489	337.9846	9.9881628	10.6258070
20	18.4493	18.9604	9.3628892	9.3747563	40	77.8436	337.5465	9.9881329	10.6252437
21	18.4719	18.9849	9.3634219	9.3753190	39	77.8382	337.1095	9.9881029	10.6246810
22	18.4946	19.0095	9.3639539	9.3758810	38	77.8328	336.6736	9.9880729	10.6241190
23	18.5172	19.0341	9.3644852	9.3764423	37	77.8275	336.2387	9.9880429	10.6235577
24	18.5398	19.0587	9.3650158	9.3770030	36	77.8221	335.8048	9.9880128	10.6229970
25	18.5625	19.0833	9.3655458	9.3775631	35	77.8167	335.3721	9.9879827	10.6224369
26	18.5851	19.1179	9.3660750	9.3781225	34	77.8113	334.9404	9.9879525	10.6218775
27	18.6077	19.1325	9.3666036	9.3786813	33	77.8059	334.5097	9.9879223	10.6213187
28	18.6304	19.1571	9.3671315	9.3792394	32	77.8004	334.0801	9.9878921	10.6207606
29	18.6530	19.1817	9.3676587	9.3797969	31	77.7950	333.6515	9.9878618	10.6202031
30	18.6756	19.2063	9.3681853	9.3803537	30	77.7896	333.2240	9.9878315	10.6196463
31	18.6983	19.2309	9.3687111	9.3809100	29	77.7842	332.7975	9.9878012	10.6190900
32	18.7209	19.2555	9.3692363	9.3814655	28	77.7787	332.3720	9.9877708	10.6185345
33	18.7435	19.2802	9.3697608	9.3820205	27	77.7733	331.9476	9.9877404	10.6179795
34	18.7661	19.3048	9.3702847	9.3825748	26	77.7678	331.5242	9.9877099	10.6174252
35	18.7888	19.3294	9.3708079	9.3831285	25	77.7623	331.1018	9.9876794	10.6168715
36	18.8114	19.3540	9.3713304	9.3836816	24	77.7569	330.6804	9.9876488	10.6163184
37	18.8340	19.3787	9.3718523	9.3842340	23	77.7514	330.2600	9.9876183	10.6157660
38	18.8566	19.4033	9.3723735	9.3847858	22	77.7459	329.8406	9.9875876	10.6152142
39	18.8792	19.4280	9.3728940	9.3853370	21	77.7404	329.4223	9.9875570	10.6146630
40	18.9018	19.4526	9.3734139	9.3858876	20	77.7349	329.0049	9.9875263	10.6141124
41	18.9244	19.4772	9.3739331	9.3864376	19	77.7294	328.5886	9.9874955	10.6135624
42	18.9470	19.5019	9.3744517	9.3869869	18	77.7239	328.1732	9.9874648	10.6130131
43	18.9697	19.5266	9.3749696	9.3875356	17	77.7184	327.7588	9.9874339	10.6124644
44	18.9923	19.5512	9.3754868	9.3880837	16	77.7129	327.3454	9.9874031	10.6119163
45	19.0149	19.5759	9.3760034	9.3886312	15	77.7074	326.9330	9.9873722	10.6113688
46	19.0375	19.6005	9.3765194	9.3891781	14	77.7018	326.5216	9.9873413	10.6108219
47	19.0601	19.6252	9.3770347	9.3897244	13	77.6963	326.1111	9.9873103	10.6102756
48	19.0827	19.6499	9.3775493	9.3902700	12	77.6907	325.7017	9.9872793	10.6097300
49	19.1053	19.6746	9.3780633	9.3908151	11	77.6852	325.2931	9.9872482	10.6091849
50	19.1279	19.6992	9.3785767	9.3913595	10	77.6796	324.8856	9.9872171	10.6086405
51	19.1505	19.7239	9.3790894	9.3919034	9	77.6741	324.4790	9.9871860	10.6080966
52	19.1731	19.7486	9.3796015	9.3924466	8	77.6685	324.0734	9.9871549	10.6075534
53	19.1957	19.7733	9.3801129	9.3929893	7	77.6629	323.6687	9.9871236	10.6070107
54	19.2182	19.7980	9.3806237	9.3935313	6	77.6573	323.2650	9.9870924	10.6064687
55	19.2408	19.8227	9.3811339	9.3940727	5	77.6517	322.8622	9.9870611	10.6059273
56	19.2634	19.8474	9.3816434	9.3946136	4	77.6461	322.4604	9.9870298	10.6053864
57	19.2860	19.8721	9.3821523	9.3951538	3	77.6405	322.0595	9.9869984	10.6048462
58	19.3086	19.8968	9.3826605	9.3956935	2	77.6349	321.6596	9.9869670	10.6043065
59	19.3312	19.9215	9.3831682	9.3962326	1	77.6293	321.2606	9.9869356	10.6037674
60	19.3538	19.9462	9.3836752	9.3967711	0	77.6237	320.8625	9.9869041	10.6032289

14 Grad.					75 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	19.3538	19.9462	9.3836752	9.3967711	60	77.6237	320.8625	9.9869041	10.6037289
1	19.3763	19.9710	9.3841815	9.3973089	59	77.6180	320.4653	9.9868726	10.6026911
2	19.3989	19.9957	9.3846873	9.3978463	58	77.6124	320.0691	9.9868410	10.6021537
3	19.4215	20.0204	9.3851924	9.3983830	57	77.6067	319.6738	9.9868094	10.6016170
4	19.4441	20.0451	9.3856969	9.3989191	56	77.6011	319.2794	9.9867778	10.6010809
5	19.4666	20.0699	9.3862008	9.3994547	55	77.5954	318.8859	9.9867461	10.6005453
6	19.4892	20.0946	9.3867040	9.3999896	54	77.5898	318.4934	9.9867144	10.6000104
7	19.5118	20.1194	9.3872067	9.4005240	53	77.5841	318.1017	9.9866827	10.5994760
8	19.5343	20.1441	9.3877087	9.4010578	52	77.5784	317.7109	9.9866509	10.5989422
9	19.5569	20.1688	9.3882101	9.4015910	51	77.5727	317.3211	9.9866191	10.5984090
10	19.5795	20.1936	9.3887109	9.4021237	50	77.5670	316.9321	9.9865872	10.5978763
11	19.6020	20.2184	9.3892111	9.4026558	49	77.5613	316.5441	9.9865553	10.5973442
12	19.6246	20.2431	9.3897106	9.4031873	48	77.5556	316.1569	9.9865233	10.5968127
13	19.6472	20.2679	9.3902096	9.4037182	47	77.5499	315.7706	9.9864913	10.5962818
14	19.6697	20.2926	9.3907079	9.4042486	46	77.5442	315.3853	9.9864593	10.5957514
15	19.6923	20.3174	9.3912057	9.4047784	45	77.5385	315.0008	9.9864273	10.5952216
16	19.7148	20.3422	9.3917028	9.4053076	44	77.5327	314.6171	9.9863952	10.5946924
17	19.7374	20.3670	9.3921993	9.4058363	43	77.5270	314.2344	9.9863630	10.5941637
18	19.7599	20.3917	9.3926952	9.4063644	42	77.5213	313.8525	9.9863308	10.5936356
19	19.7825	20.4165	9.3931905	9.4068919	41	77.5155	313.4716	9.9862986	10.5931081
20	19.8050	20.4413	9.3936852	9.4074189	40	77.5097	313.0914	9.9862663	10.5925811
21	19.8276	20.4661	9.3941794	9.4079453	39	77.5040	312.7121	9.9862340	10.5920547
22	19.8501	20.4909	9.3946729	9.4084712	38	77.4982	312.3337	9.9862017	10.5915288
23	19.8726	20.5157	9.3951658	9.4089965	37	77.4924	311.9561	9.9861693	10.5910035
24	19.8952	20.5405	9.3956581	9.4095212	36	77.4867	311.5794	9.9861369	10.5904788
25	19.9177	20.5653	9.3961499	9.4100454	35	77.4809	311.2036	9.9861045	10.5899546
26	19.9403	20.5901	9.3966410	9.4105690	34	77.4751	310.8286	9.9860720	10.5894310
27	19.9628	20.6149	9.3971315	9.4110921	33	77.4693	310.4544	9.9860394	10.5889079
28	19.9853	20.6398	9.3976215	9.4116146	32	77.4634	310.0811	9.9860069	10.5883854
29	20.0079	20.6646	9.3981108	9.4121366	31	77.4576	309.7087	9.9859742	10.5878634
30	20.0304	20.6894	9.3985996	9.4126581	30	77.4518	309.3370	9.9859416	10.5873419
31	20.0529	20.7142	9.3990878	9.4131789	29	77.4460	308.9663	9.9859089	10.5868211
32	20.0755	20.7391	9.3995754	9.4136993	28	77.4401	308.5963	9.9858762	10.5863007
33	20.0980	20.7639	9.4000625	9.4142191	27	77.4343	308.2272	9.9858434	10.5857809
34	20.1205	20.7887	9.4005489	9.4147383	26	77.4285	307.8589	9.9858106	10.5852617
35	20.1430	20.8136	9.4010348	9.4152570	25	77.4226	307.4914	9.9857777	10.5847430
36	20.1656	20.8384	9.4015201	9.4157752	24	77.4167	307.1247	9.9857449	10.5842248
37	20.1881	20.8633	9.4020048	9.4162928	23	77.4109	306.7589	9.9857119	10.5837072
38	20.2106	20.8881	9.4024889	9.4168099	22	77.4050	306.3939	9.9856790	10.5831901
39	20.2331	20.9130	9.4029724	9.4173265	21	77.3991	306.0297	9.9856460	10.5826735
40	20.2556	20.9379	9.4034554	9.4178425	20	77.3932	305.6662	9.9856129	10.5821575
41	20.2781	20.9627	9.4039378	9.4183580	19	77.3873	305.3037	9.9855798	10.5816420
42	20.3006	20.9876	9.4044196	9.4188729	18	77.3814	304.9419	9.9855467	10.5811271
43	20.3231	21.0125	9.4049009	9.4193874	17	77.3755	304.5808	9.9855135	10.5806126
44	20.3456	21.0374	9.4053816	9.4199013	16	77.3696	304.2207	9.9854803	10.5800987
45	20.3682	21.0622	9.4058617	9.4204146	15	77.3637	303.8613	9.9854471	10.5795854
46	20.3907	21.0871	9.4063413	9.4209275	14	77.3577	303.5027	9.9854138	10.5790725
47	20.4132	21.1120	9.4068203	9.4214398	13	77.3518	303.1449	9.9853805	10.5785602
48	20.4357	21.1369	9.4072987	9.4219515	12	77.3459	302.7878	9.9853471	10.5780485
49	20.4582	21.1618	9.4077766	9.4224628	11	77.3399	302.4316	9.9853138	10.5775372
50	20.4807	21.1867	9.4082539	9.4229735	10	77.3340	302.0762	9.9852803	10.5770265
51	20.5032	21.2116	9.4087306	9.4234838	9	77.3280	301.7215	9.9852468	10.5765162
52	20.5256	21.2365	9.4092068	9.4239935	8	77.3220	301.3676	9.9852133	10.5760065
53	20.5481	21.2614	9.4096824	9.4245026	7	77.3161	301.0145	9.9851798	10.5754974
54	20.5706	21.2864	9.4101575	9.4250113	6	77.3101	300.6621	9.9851462	10.5749887
55	20.5931	21.3113	9.4106320	9.4255194	5	77.3041	300.3105	9.9851125	10.5744806
56	20.6156	21.3362	9.4111059	9.4260271	4	77.2981	299.9597	9.9850789	10.5739729
57	20.6381	21.3611	9.4115793	9.4265342	3	77.2921	299.6097	9.9850452	10.5734658
58	20.6606	21.3861	9.4120522	9.4270408	2	77.2861	299.2604	9.9850114	10.5729592
59	20.6830	21.4110	9.4125245	9.4275469	1	77.2801	298.9118	9.9849776	10.5724531
60	20.7055	21.4359	9.4129962	9.4280525	0	77.2741	298.5641	9.9849438	10.5719475

15 Grad.					74. Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	20.7055	21.4359	9.4129962	9.4280525	60	77.2741	298.5641	9.9849438	10.5719475
1	20.7280	21.4609	9.4134674	9.4285575	59	77.2680	298.2170	9.9849099	10.5714425
2	20.7505	21.4858	9.4139381	9.4290621	58	77.2620	297.8708	9.9848760	10.5709379
3	20.7730	21.5108	9.4144082	9.4295661	57	77.2560	297.5253	9.9848420	10.5704339
4	20.7954	21.5357	9.4148778	9.4300697	56	77.2499	297.1805	9.9848081	10.5699303
5	20.8179	21.5607	9.4153468	9.4305727	55	77.2439	296.8365	9.9847740	10.5694273
6	20.8404	21.5857	9.4158152	9.4310753	54	77.2378	296.4932	9.9847400	10.5689247
7	20.8628	21.6106	9.4162832	9.4315773	53	77.2317	296.1506	9.9847059	10.5684227
8	20.8853	21.6356	9.4167506	9.4320789	52	77.2257	295.8088	9.9846717	10.5679211
9	20.9078	21.6606	9.4172174	9.4325799	51	77.2196	295.4678	9.9846375	10.5674201
10	20.9302	21.6855	9.4176837	9.4330804	50	77.2135	295.1274	9.9846033	10.5669196
11	20.9527	21.7105	9.4181495	9.4335805	49	77.2074	294.7878	9.9845690	10.5664195
12	20.9751	21.7355	9.4186148	9.4340800	48	77.2013	294.4489	9.9845347	10.5659200
13	20.9976	21.7605	9.4190795	9.4345791	47	77.1952	294.1108	9.9845004	10.5654209
14	21.0200	21.7855	9.4195436	9.4350776	46	77.1891	293.7733	9.9844660	10.5649224
15	21.0425	21.8105	9.4200073	9.4355757	45	77.1830	293.4366	9.9844316	10.5644243
16	21.0649	21.8355	9.4204704	9.4360733	44	77.1769	293.1006	9.9843971	10.5639267
17	21.0874	21.8605	9.4209330	9.4365704	43	77.1707	292.7653	9.9843626	10.5634296
18	21.1098	21.8855	9.4213950	9.4370670	42	77.1646	292.4308	9.9843281	10.5629330
19	21.1323	21.9105	9.4218566	9.4375631	41	77.1584	292.0969	9.9842935	10.5624369
20	21.1547	21.9356	9.4223176	9.4380587	40	77.1523	291.7637	9.9842589	10.5619413
21	21.1772	21.9606	9.4227780	9.4385538	39	77.1461	291.4313	9.9842242	10.5614462
22	21.1996	21.9856	9.4232380	9.4390485	38	77.1400	291.0996	9.9841895	10.5609515
23	21.2221	22.0106	9.4236974	9.4395426	37	77.1338	290.7685	9.9841548	10.5604574
24	21.2445	22.0357	9.4241563	9.4400363	36	77.1276	290.4382	9.9841200	10.5599637
25	21.2669	22.0607	9.4246147	9.4405295	35	77.1214	290.1085	9.9840852	10.5594705
26	21.2894	22.0858	9.4250726	9.4410222	34	77.1153	289.7796	9.9840503	10.5589778
27	21.3118	22.1108	9.4255299	9.4415145	33	77.1091	289.4513	9.9840154	10.5584855
28	21.3342	22.1358	9.4259867	9.4420062	32	77.1029	289.1238	9.9839805	10.5579938
29	21.3566	22.1609	9.4264430	9.4424975	31	77.0967	288.7969	9.9839455	10.5575025
30	21.3791	22.1860	9.4268988	9.4429883	30	77.0904	288.4707	9.9839105	10.5570117
31	21.4015	22.2110	9.4273541	9.4434786	29	77.0842	288.1452	9.9838755	10.5565214
32	21.4239	22.2361	9.4278089	9.4439685	28	77.0780	287.8203	9.9838404	10.5560315
33	21.4463	22.2612	9.4282631	9.4444579	27	77.0718	287.4962	9.9838052	10.5555421
34	21.4688	22.2862	9.4287169	9.4449468	26	77.0655	287.1727	9.9837701	10.5550532
35	21.4912	22.3113	9.4291701	9.4454352	25	77.0593	286.8499	9.9837348	10.5545648
36	21.5136	22.3364	9.4296228	9.4459232	24	77.0530	286.5278	9.9836996	10.5540768
37	21.5360	22.3615	9.4300750	9.4464107	23	77.0467	286.2064	9.9836643	10.5535893
38	21.5584	22.3866	9.4305267	9.4468978	22	77.0405	285.8856	9.9836290	10.5531022
39	21.5808	22.4117	9.4309779	9.4473843	21	77.0342	285.5654	9.9835936	10.5526157
40	21.6032	22.4368	9.4314286	9.4478704	20	77.0279	285.2460	9.9835582	10.5521296
41	21.6256	22.4619	9.4318788	9.4483561	19	77.0216	284.9272	9.9835227	10.5516439
42	21.6480	22.4870	9.4323285	9.4488413	18	77.0153	284.6091	9.9834872	10.5511587
43	21.6704	22.5121	9.4327777	9.4493260	17	77.0090	284.2916	9.9834517	10.5506740
44	21.6928	22.5372	9.4332264	9.4498102	16	77.0027	283.9748	9.9834161	10.5501898
45	21.7152	22.5623	9.4336746	9.4502940	15	76.9964	283.6586	9.9833805	10.5497060
46	21.7376	22.5875	9.4341223	9.4507774	14	76.9901	283.3431	9.9833449	10.5492226
47	21.7600	22.6126	9.4345694	9.4512602	13	76.9838	283.0282	9.9833092	10.5487398
48	21.7824	22.6377	9.4350161	9.4517427	12	76.9774	282.7140	9.9832735	10.5482573
49	21.8048	22.6629	9.4354623	9.4522246	11	76.9711	282.4004	9.9832377	10.5477754
50	21.8272	22.6880	9.4359080	9.4527061	10	76.9648	282.0875	9.9832019	10.5472939
51	21.8496	22.7131	9.4363532	9.4531872	9	76.9584	281.7752	9.9831661	10.5468128
52	21.8720	22.7383	9.4367980	9.4536678	8	76.9520	281.4636	9.9831302	10.5463322
53	21.8944	22.7634	9.4372422	9.4541479	7	76.9457	281.1526	9.9830942	10.5458521
54	21.9167	22.7886	9.4376859	9.4546276	6	76.9393	280.8422	9.9830583	10.5453724
55	21.9391	22.8138	9.4381292	9.4551069	5	76.9329	280.5324	9.9830223	10.5448931
56	21.9615	22.8389	9.4385719	9.4555857	4	76.9265	280.2233	9.9829862	10.5444143
57	21.9839	22.8641	9.4390142	9.4560641	3	76.9202	279.9148	9.9829501	10.5439359
58	22.0062	22.8893	9.4394560	9.4565420	2	76.9138	279.6070	9.9829140	10.5434580
59	22.0286	22.9144	9.4398973	9.4570194	1	76.9073	279.2998	9.9828778	10.5429806
60	22.0510	22.9396	9.4403381	9.4574964	0	76.9009	278.9932	9.9828416	10.5425036

16 Grad.					73. Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	22.0510	22.9396	9.4403381	9.4574964	60	76.9009	278.9932	9.9828416	10.5425036
1	22.0734	22.9648	9.4407784	9.4579730	59	76.8945	278.6872	9.9828054	10.5420270
2	22.0957	22.9900	9.4412182	9.4584491	58	76.8881	278.3818	9.9827691	10.5415509
3	22.1181	23.0152	9.4416576	9.4589248	57	76.8817	278.0771	9.9827328	10.5410752
4	22.1404	23.0404	9.4420965	9.4594001	56	76.8752	277.7729	9.9826964	10.5405999
5	22.1628	23.0656	9.4425349	9.4598749	55	76.8688	277.4694	9.9826600	10.5401251
6	22.1852	23.0908	9.4429728	9.4603492	54	76.8623	277.1665	9.9826236	10.5396508
7	22.2075	23.1160	9.4434103	9.4608232	53	76.8559	276.8642	9.9825871	10.5391768
8	22.2299	23.1412	9.4438472	9.4612967	52	76.8494	276.5625	9.9825506	10.5387033
9	22.2522	23.1665	9.4442837	9.4617697	51	76.8429	276.2614	9.9825140	10.5382303
10	22.2746	23.1917	9.4447197	9.4622423	50	76.8365	275.9610	9.9824774	10.5377577
11	22.2969	23.2169	9.4451553	9.4627145	49	76.8300	275.6611	9.9824408	10.5372855
12	22.3193	23.2421	9.4455904	9.4631863	48	76.8235	275.3618	9.9824041	10.5368137
13	22.3416	23.2674	9.4460250	9.4636576	47	76.8170	275.0631	9.9823674	10.5363424
14	22.3640	23.2926	9.4464591	9.4641285	46	76.8105	274.7650	9.9823306	10.5358715
15	22.3863	23.3179	9.4468927	9.4645990	45	76.8040	274.4676	9.9822938	10.5354010
16	22.4087	23.3431	9.4473259	9.4650690	44	76.7975	274.1707	9.9822569	10.5349310
17	22.4310	23.3684	9.4477586	9.4655386	43	76.7910	273.8744	9.9822201	10.5344614
18	22.4533	23.3936	9.4481909	9.4660078	42	76.7844	273.5787	9.9821831	10.5339922
19	22.4757	23.4189	9.4486227	9.4664765	41	76.7779	273.2835	9.9821462	10.5335235
20	22.4980	23.4442	9.4490540	9.4669448	40	76.7713	272.9890	9.9821092	10.5330552
21	22.5203	23.4694	9.4494849	9.4674127	39	76.7648	272.6951	9.9820721	10.5325873
22	22.5427	23.4947	9.4499153	9.4678802	38	76.7582	272.4017	9.9820351	10.5321198
23	22.5650	23.5200	9.4503452	9.4683473	37	76.7517	272.1089	9.9819979	10.5316527
24	22.5873	23.5453	9.4507747	9.4688139	36	76.7451	271.8167	9.9819608	10.5311861
25	22.6096	23.5706	9.4512037	9.4692801	35	76.7385	271.5250	9.9819236	10.5307199
26	22.6320	23.5959	9.4516322	9.4697459	34	76.7320	271.2340	9.9818863	10.5302541
27	22.6543	23.6212	9.4520603	9.4702112	33	76.7254	270.9435	9.9818490	10.5297888
28	22.6766	23.6465	9.4524879	9.4706762	32	76.7188	270.6536	9.9818117	10.5293238
29	22.6989	23.6718	9.4529151	9.4711407	31	76.7122	270.3642	9.9817744	10.5288593
30	22.7212	23.6971	9.4533418	9.4716048	30	76.7056	270.0755	9.9817370	10.5283952
31	22.7435	23.7224	9.4537681	9.4720685	29	76.6990	269.7873	9.9816995	10.5279315
32	22.7658	23.7477	9.4541939	9.4725318	28	76.6923	269.4996	9.9816620	10.5274682
33	22.7882	23.7730	9.4546192	9.4729947	27	76.6857	269.2125	9.9816245	10.5270053
34	22.8105	23.7984	9.4550441	9.4734571	26	76.6791	268.9260	9.9815870	10.5265428
35	22.8328	23.8237	9.4554686	9.4739192	25	76.6724	268.6401	9.9815494	10.5260808
36	22.8551	23.8490	9.4558926	9.4743808	24	76.6658	268.3547	9.9815117	10.5256192
37	22.8774	23.8744	9.4563161	9.4748421	23	76.6592	268.0698	9.9814740	10.5251579
38	22.8997	23.8997	9.4567392	9.4753029	22	76.6525	267.7855	9.9814363	10.5246971
39	22.9220	23.9251	9.4571618	9.4757633	21	76.6458	267.5018	9.9813986	10.5242367
40	22.9443	23.9504	9.4575840	9.4762233	20	76.6392	267.2186	9.9813608	10.5237767
41	22.9666	23.9758	9.4580058	9.4766829	19	76.6325	266.9360	9.9813229	10.5233171
42	22.9888	24.0012	9.4584271	9.4771421	18	76.6258	266.6539	9.9812850	10.5228579
43	23.0111	24.0265	9.4588480	9.4776009	17	76.6191	266.3723	9.9812471	10.5223991
44	23.0334	24.0519	9.4592684	9.4780592	16	76.6124	266.0914	9.9812091	10.5219408
45	23.0557	24.0773	9.4596884	9.4785172	15	76.6057	265.8109	9.9811711	10.5214828
46	23.0780	24.1026	9.4601079	9.4789748	14	76.5990	265.5310	9.9811331	10.5210252
47	23.1003	24.1280	9.4605270	9.4794319	13	76.5923	265.2516	9.9810950	10.5205681
48	23.1225	24.1534	9.4609456	9.4798887	12	76.5856	264.9728	9.9810569	10.5201113
49	23.1448	24.1788	9.4613638	9.4803451	11	76.5788	264.6945	9.9810187	10.5196549
50	23.1671	24.2042	9.4617816	9.4808011	10	76.5721	264.4167	9.9809805	10.5191989
51	23.1894	24.2296	9.4621989	9.4812566	9	76.5654	264.1395	9.9809423	10.5187434
52	23.2116	24.2550	9.4626158	9.4817118	8	76.5586	263.8628	9.9809040	10.5182882
53	23.2339	24.2804	9.4630323	9.4821666	7	76.5518	263.5866	9.9808657	10.5178334
54	23.2562	24.3059	9.4634483	9.4826210	6	76.5451	263.3110	9.9808273	10.5173790
55	23.2784	24.3313	9.4638639	9.4830750	5	76.5383	263.0359	9.9807889	10.5169250
56	23.3007	24.3567	9.4642790	9.4835286	4	76.5315	262.7613	9.9807505	10.5164714
57	23.3230	24.3821	9.4646938	9.4839818	3	76.5248	262.4873	9.9807120	10.5160182
58	23.3452	24.4076	9.4651081	9.4844346	2	76.5180	262.2137	9.9806735	10.5155654
59	23.3675	24.4330	9.4655219	9.4848870	1	76.5112	261.9407	9.9806349	10.5151130
60	23.3897	24.4585	9.4659353	9.4853390	0	76.5044	261.6682	9.9805963	10.5146610

17 Grad.					72 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	23.3897	24.4585	9.4659353	9.4853390	60	76.5044	261.6682	9.9805963	10.5146610
1	23.4120	24.4839	9.4663483	9.4857907	59	76.4976	261.3962	9.9805577	10.5142093
2	23.4342	24.5094	9.4667609	9.4862419	58	76.4908	261.1248	9.9805190	10.5137581
3	23.4565	24.5348	9.4671730	9.4866928	57	76.4839	260.8538	9.9804803	10.5133072
4	23.4787	24.5603	9.4675848	9.4871433	56	76.4771	260.5834	9.9804415	10.5128567
5	23.5010	24.5857	9.4679960	9.4875933	55	76.4703	260.3135	9.9804027	10.5124067
6	23.5232	24.6112	9.4684069	9.4880430	54	76.4634	260.0441	9.9803639	10.5119570
7	23.5455	24.6367	9.4688173	9.4884924	53	76.4566	259.7752	9.9803250	10.5115076
8	23.5677	24.6622	9.4692273	9.4889413	52	76.4497	259.5068	9.9802860	10.5110587
9	23.5899	24.6877	9.4696369	9.4893898	51	76.4429	259.2389	9.9802471	10.5106102
10	23.6122	24.7131	9.4700461	9.4898380	50	76.4360	258.9715	9.9802081	10.5101620
11	23.6344	24.7386	9.4704548	9.4902858	49	76.4291	258.7046	9.9801690	10.5097142
12	23.6566	24.7641	9.4708631	9.4907332	48	76.4223	258.4382	9.9801299	10.5092668
13	23.6789	24.7896	9.4712710	9.4911802	47	76.4154	258.1724	9.9800908	10.5088198
14	23.7011	24.8151	9.4716785	9.4916269	46	76.4085	257.9070	9.9800516	10.5083731
15	23.7233	24.8407	9.4720856	9.4920731	45	76.4016	257.6421	9.9800124	10.5079269
16	23.7456	24.8662	9.4724922	9.4925190	44	76.3947	257.3777	9.9799732	10.5074810
17	23.7678	24.8917	9.4728985	9.4929646	43	76.3878	257.1138	9.9799339	10.5070354
18	23.7900	24.9172	9.4733043	9.4934097	42	76.3809	256.8504	9.9798946	10.5065903
19	23.8122	24.9428	9.4737097	9.4938545	41	76.3739	256.5875	9.9798552	10.5061455
20	23.8344	24.9683	9.4741146	9.4942988	40	76.3670	256.3251	9.9798158	10.5057012
21	23.8566	24.9938	9.4745192	9.4947429	39	76.3601	256.0632	9.9797764	10.5052571
22	23.8788	25.0194	9.4749234	9.4951865	38	76.3531	255.8017	9.9797369	10.5048135
23	23.9011	25.0449	9.4753271	9.4956298	37	76.3462	255.5408	9.9796973	10.5043702
24	23.9233	25.0705	9.4757304	9.4960727	36	76.3392	255.2803	9.9796578	10.5039273
25	23.9455	25.0960	9.4761334	9.4965152	35	76.3323	255.0203	9.9796182	10.5034848
26	23.9677	25.1216	9.4765359	9.4969574	34	76.3253	254.7608	9.9795785	10.5030426
27	23.9899	25.1472	9.4769380	9.4973991	33	76.3183	254.5018	9.9795388	10.5026009
28	24.0121	25.1727	9.4773396	9.4978406	32	76.3113	254.2432	9.9794991	10.5021594
29	24.0343	25.1983	9.4777409	9.4982816	31	76.3044	253.9852	9.9794593	10.5017184
30	24.0565	25.2239	9.4781418	9.4987223	30	76.2974	253.7276	9.9794195	10.5012777
31	24.0787	25.2495	9.4785423	9.4991626	29	76.2904	253.4705	9.9793796	10.5008374
32	24.1008	25.2751	9.4789423	9.4996026	28	76.2833	253.2138	9.9793398	10.5003974
33	24.1230	25.3007	9.4793420	9.5000422	27	76.2763	252.9576	9.9792998	10.4999578
34	24.1452	25.3263	9.4797412	9.5004814	26	76.2693	252.7020	9.9792599	10.4995186
35	24.1674	25.3519	9.4801401	9.5009203	25	76.2623	252.4467	9.9792198	10.4990797
36	24.1896	25.3775	9.4805385	9.5013588	24	76.2553	252.1920	9.9791798	10.4986412
37	24.2118	25.4031	9.4809366	9.5017969	23	76.2482	251.9377	9.9791397	10.4982031
38	24.2340	25.4287	9.4813342	9.5022347	22	76.2412	251.6838	9.9790996	10.4977653
39	24.2561	25.4544	9.4817315	9.5026721	21	76.2341	251.4305	9.9790594	10.4973279
40	24.2783	25.4800	9.4821283	9.5031092	20	76.2271	251.1776	9.9790192	10.4968908
41	24.3005	25.5056	9.4825248	9.5035459	19	76.2200	250.9251	9.9789789	10.4964541
42	24.3226	25.5313	9.4829208	9.5039822	18	76.2129	250.6731	9.9789386	10.4960178
43	24.3448	25.5569	9.4833165	9.5044182	17	76.2058	250.4216	9.9788983	10.4955818
44	24.3670	25.5826	9.4837117	9.5048538	16	76.1988	250.1705	9.9788579	10.4951462
45	24.3891	25.6082	9.4841066	9.5052891	15	76.1917	249.9199	9.9788175	10.4947109
46	24.4113	25.6339	9.4845010	9.5057240	14	76.1846	249.6698	9.9787770	10.4942760
47	24.4335	25.6595	9.4848951	9.5061586	13	76.1775	249.4201	9.9787365	10.4938414
48	24.4556	25.6852	9.4852888	9.5065928	12	76.1704	249.1708	9.9786960	10.4934072
49	24.4778	25.7109	9.4856820	9.5070267	11	76.1632	248.9220	9.9786554	10.4929733
50	24.4999	25.7365	9.4860749	9.5074602	10	76.1561	248.6737	9.9786148	10.4925398
51	24.5221	25.7622	9.4864674	9.5078933	9	76.1490	248.4258	9.9785741	10.4921067
52	24.5442	25.7879	9.4868595	9.5083261	8	76.1418	248.1783	9.9785334	10.4916739
53	24.5664	25.8136	9.4872512	9.5087586	7	76.1347	247.9313	9.9784927	10.4912414
54	24.5885	25.8393	9.4876426	9.5091907	6	76.1276	247.6848	9.9784519	10.4908093
55	24.6107	25.8650	9.4880335	9.5096224	5	76.1204	247.4386	9.9784111	10.4903776
56	24.6328	25.8907	9.4884240	9.5100539	4	76.1132	247.1930	9.9783702	10.4899461
57	24.6550	25.9164	9.4888142	9.5104849	3	76.1061	246.9477	9.9783293	10.4895151
58	24.6771	25.9421	9.4892040	9.5109156	2	76.0989	246.7030	9.9782883	10.4890844
59	24.6992	25.9678	9.4895934	9.5113460	1	76.0917	246.4586	9.9782474	10.4886540
60	24.7214	25.9936	9.4899824	9.5117760	0	76.0845	246.2147	9.9782063	10.4882240

18 Grad.					71. Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	24.7214	25.9936	9.4899824	9.5117760	60	76.0845	246.2147	9.9782063	10.4882240
1	24.7435	26.0193	9.4903710	9.5122057	59	76.0773	245.9712	9.9781653	10.4877943
2	24.7656	26.0450	9.4907592	9.5126351	58	76.0701	245.7282	9.9781241	10.4873649
3	24.7877	26.0708	9.4911471	9.5130641	57	76.0629	245.4855	9.9780830	10.4869359
4	24.8099	26.0965	9.4915345	9.5134927	56	76.0557	245.2434	9.9780418	10.4865073
5	24.8320	26.1223	9.4919216	9.5139210	55	76.0485	245.0016	9.9780006	10.4860790
6	24.8541	26.1480	9.4923083	9.5143490	54	76.0413	244.7603	9.9779593	10.4856510
7	24.8762	26.1738	9.4926946	9.5147766	53	76.0340	244.5194	9.9779180	10.4852234
8	24.8984	26.1996	9.4930806	9.5152039	52	76.0268	244.2790	9.9778766	10.4847961
9	24.9205	26.2253	9.4934661	9.5156309	51	76.0195	244.0389	9.9778353	10.4843691
10	24.9426	26.2511	9.4938513	9.5160575	50	76.0123	243.7993	9.9777938	10.4839425
11	24.9647	26.2769	9.4942361	9.5164838	49	76.0050	243.5601	9.9777523	10.4835162
12	24.9868	26.3027	9.4946205	9.5169097	48	75.9978	243.3214	9.9777108	10.4830903
13	25.0089	26.3284	9.4950046	9.5173353	47	75.9905	243.0830	9.9776693	10.4826647
14	25.0310	26.3542	9.4953883	9.5177606	46	75.9832	242.8451	9.9776277	10.4822394
15	25.0531	26.3800	9.4957716	9.5181855	45	75.9759	242.6076	9.9775860	10.4818145
16	25.0752	26.4058	9.4961545	9.5186101	44	75.9686	242.3706	9.9775444	10.4813899
17	25.0973	26.4317	9.4965370	9.5190344	43	75.9613	242.1339	9.9775026	10.4809656
18	25.1194	26.4575	9.4969192	9.5194583	42	75.9540	241.8977	9.9774609	10.4805417
19	25.1415	26.4833	9.4973010	9.5198819	41	75.9467	241.6618	9.9774191	10.4801181
20	25.1636	26.5091	9.4976824	9.5203052	40	75.9394	241.4264	9.9773772	10.4796948
21	25.1857	26.5349	9.4980635	9.5207282	39	75.9321	241.1914	9.9773354	10.4792718
22	25.2078	26.5608	9.4984442	9.5211508	38	75.9248	240.9568	9.9772934	10.4788492
23	25.2298	26.5866	9.4988245	9.5215730	37	75.9174	240.7226	9.9772515	10.4784270
24	25.2519	26.6125	9.4992045	9.5219950	36	75.9101	240.4889	9.9772095	10.4780050
25	25.2740	26.6383	9.4995840	9.5224166	35	75.9027	240.2555	9.9771674	10.4775834
26	25.2961	26.6642	9.4999633	9.5228379	34	75.8954	240.0226	9.9771253	10.4771621
27	25.3182	26.6900	9.5003421	9.5232589	33	75.8880	239.7900	9.9770832	10.4767411
28	25.3402	26.7159	9.5007206	9.5236795	32	75.8806	239.5579	9.9770410	10.4763205
29	25.3623	26.7418	9.5010987	9.5240999	31	75.8733	239.3261	9.9769988	10.4759001
30	25.3844	26.7676	9.5014764	9.5245199	30	75.8659	239.0948	9.9769566	10.4764801
31	25.4064	26.7935	9.5018538	9.5249395	29	75.8585	238.8639	9.9769143	10.4750605
32	25.4285	26.8194	9.5022308	9.5253589	28	75.8511	238.6333	9.9768720	10.4746411
33	25.4506	26.8453	9.5026075	9.5257779	27	75.8437	238.4032	9.9768296	10.4742221
34	25.4726	26.8712	9.5029838	9.5261966	26	75.8363	238.1735	9.9767872	10.4738034
35	25.4947	26.8971	9.5033597	9.5266150	25	75.8289	237.9441	9.9767447	10.4733850
36	25.5167	26.9230	9.5037353	9.5270331	24	75.8215	237.7152	9.9767022	10.4729669
37	25.5388	26.9489	9.5041105	9.5274508	23	75.8140	237.4866	9.9766597	10.4725492
38	25.5608	26.9748	9.5044853	9.5278682	22	75.8066	237.2585	9.9766171	10.4721318
39	25.5829	27.0007	9.5048598	9.5282853	21	75.7992	237.0307	9.9765745	10.4717147
40	25.6050	27.0266	9.5052339	9.5287021	20	75.7917	236.8034	9.9765318	10.4712979
41	25.6270	27.0526	9.5056077	9.5291186	19	75.7843	236.5764	9.9764891	10.4708814
42	25.6490	27.0785	9.5059811	9.5295347	18	75.7768	236.3498	9.9764464	10.4704653
43	25.6711	27.1044	9.5063542	9.5299505	17	75.7694	236.1236	9.9764036	10.4700495
44	25.6931	27.1304	9.5067268	9.5303661	16	75.7619	235.8978	9.9763608	10.4696339
45	25.7152	27.1563	9.5070992	9.5307813	15	75.7544	235.6724	9.9763179	10.4692187
46	25.7372	27.1823	9.5074712	9.5311961	14	75.7469	235.4474	9.9762750	10.4688039
47	25.7592	27.2083	9.5078428	9.5316107	13	75.7394	235.2227	9.9762321	10.4683893
48	25.7813	27.2342	9.5082141	9.5320250	12	75.7319	234.9985	9.9761891	10.4679750
49	25.8033	27.2602	9.5085850	9.5324389	11	75.7244	234.7746	9.9761461	10.4675611
50	25.8253	27.2860	9.5089556	9.5328526	10	75.7169	234.5511	9.9761030	10.4671474
51	25.8473	27.3122	9.5093258	9.5332659	9	75.7094	234.3280	9.9760599	10.4667341
52	25.8694	27.3381	9.5096956	9.5336789	8	75.7019	234.1052	9.9760167	10.4663211
53	25.8914	27.3641	9.5100651	9.5340916	7	75.6944	233.8829	9.9759736	10.4659084
54	25.9134	27.3901	9.5104343	9.5345040	6	75.6868	233.6609	9.9759303	10.4654960
55	25.9354	27.4161	9.5108031	9.5349161	5	75.6793	233.4393	9.9758870	10.4650839
56	25.9574	27.4421	9.5111716	9.5353278	4	75.6717	233.2180	9.9758437	10.4646722
57	25.9794	27.4681	9.5115397	9.5357393	3	75.6642	232.9972	9.9758004	10.4642607
58	26.0014	27.4942	9.5119074	9.5361505	2	75.6566	232.7767	9.9757570	10.4638495
59	26.0234	27.5202	9.5122749	9.5365613	1	75.6491	232.5566	9.9757135	10.4634387
60	26.0455	27.5462	9.5126419	9.5369719	0	75.6415	232.3369	9.9756701	10.4630281

19 Grad.					70 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	26.0455	27.5462	9.5126419	9.5369719	60	75.6415	232.3369	9.9756701	10.4630281
1	26.0675	27.5722	9.5130086	9.5373821	59	75.6339	232.1175	9.9756265	10.4626179
2	26.0895	27.5983	9.5133750	9.5377920	58	75.6263	231.8985	9.9755830	10.4622080
3	26.1114	27.6243	9.5137410	9.5382017	57	75.6187	231.6799	9.9755394	10.4617983
4	26.1334	27.6504	9.5141067	9.5386110	56	75.6111	231.4616	9.9754957	10.4613890
5	26.1554	27.6764	9.5144721	9.5390200	55	75.6035	231.2437	9.9754521	10.4609800
6	26.1774	27.7025	9.5148371	9.5394287	54	75.5959	231.0262	9.9754083	10.4605713
7	26.1994	27.7285	9.5152017	9.5398371	53	75.5883	230.8091	9.9753646	10.4601629
8	26.2214	27.7546	9.5155660	9.5402453	52	75.5807	230.5923	9.9753208	10.4597547
9	26.2434	27.7807	9.5159300	9.5406531	51	75.5730	230.3758	9.9752769	10.4593469
10	26.2654	27.8068	9.5162936	9.5410606	50	75.5654	230.1598	9.9752330	10.4589394
11	26.2874	27.8329	9.5166569	9.5414678	49	75.5578	229.9441	9.9751891	10.4585322
12	26.3093	27.8589	9.5170198	9.5418747	48	75.5501	229.7287	9.9751451	10.4581253
13	26.3313	27.8850	9.5173824	9.5422813	47	75.5425	229.5137	9.9751011	10.4577187
14	26.3533	27.9111	9.5177447	9.5426877	46	75.5348	229.2991	9.9750570	10.4573123
15	26.3752	27.9372	9.5181066	9.5430937	45	75.5271	229.0848	9.9750129	10.4569063
16	26.3972	27.9634	9.5184682	9.5434994	44	75.5194	228.8709	9.9749688	10.4565006
17	26.4192	27.9895	9.5188295	9.5439048	43	75.5118	228.6573	9.9749246	10.4560952
18	26.4412	28.0156	9.5191904	9.5443100	42	75.5041	228.4441	9.9748804	10.4556900
19	26.4631	28.0417	9.5195510	9.5447148	41	75.4964	228.2313	9.9748361	10.4552852
20	26.4851	28.0679	9.5199112	9.5451193	40	75.4887	228.0188	9.9747918	10.4548807
21	26.5070	28.0940	9.5202711	9.5455236	39	75.4810	227.8066	9.9747476	10.4544764
22	26.5290	28.1201	9.5206307	9.5459276	38	75.4733	227.5948	9.9747031	10.4540724
23	26.5509	28.1463	9.5209899	9.5463312	37	75.4655	227.3834	9.9746587	10.4536688
24	26.5729	28.1724	9.5213488	9.5467346	36	75.4578	227.1723	9.9746142	10.4532654
25	26.5948	28.1986	9.5217074	9.5471377	35	75.4501	226.9616	9.9745697	10.4528623
26	26.6168	28.2248	9.5220656	9.5475405	34	75.4423	226.7512	9.9745252	10.4524595
27	26.6387	28.2509	9.5224235	9.5479430	33	75.4346	226.5411	9.9744806	10.4520570
28	26.6607	28.2771	9.5227811	9.5483452	32	75.4268	226.3314	9.9744359	10.4516548
29	26.6826	28.3033	9.5231383	9.5487471	31	75.4191	226.1220	9.9743913	10.4512529
30	26.7046	28.3295	9.5234953	9.5491487	30	75.4113	225.9130	9.9743466	10.4508513
31	26.7265	28.3557	9.5238518	9.5495500	29	75.4035	225.7044	9.9743018	10.4504500
32	26.7484	28.3819	9.5242081	9.5499511	28	75.3958	225.4960	9.9742570	10.4500489
33	26.7703	28.4081	9.5245640	9.5503519	27	75.3880	225.2880	9.9742122	10.4496481
34	26.7923	28.4343	9.5249196	9.5507523	26	75.3802	225.0804	9.9741673	10.4492477
35	26.8142	28.4605	9.5252749	9.5511525	25	75.3724	224.8731	9.9741224	10.4488475
36	26.8361	28.4867	9.5256298	9.5515524	24	75.3646	224.6661	9.9740774	10.4484476
37	26.8580	28.5129	9.5259844	9.5519521	23	75.3568	224.4595	9.9740324	10.4480479
38	26.8752	28.5392	9.5263387	9.5523514	22	75.3490	224.2532	9.9739873	10.4476486
39	26.9019	28.5654	9.5266927	9.5527504	21	75.3412	224.0472	9.9739422	10.4472496
40	26.9238	28.5916	9.5270463	9.5531492	20	75.3333	223.8416	9.9738971	10.4468508
41	26.9457	28.6179	9.5273997	9.5535477	19	75.3255	223.6363	9.9738519	10.4464523
42	26.9676	28.6441	9.5277526	9.5539459	18	75.3176	223.4313	9.9738067	10.4460541
43	26.9895	28.6704	9.5281053	9.5543438	17	75.3098	223.2267	9.9737615	10.4456562
44	27.0114	28.6967	9.5284577	9.5547415	16	75.3019	223.0224	9.9737162	10.4452585
45	27.0333	28.7229	9.5288097	9.5551388	15	75.2941	222.8185	9.9736709	10.4448612
46	27.0552	28.7492	9.5291614	9.5555359	14	75.2862	222.6148	9.9736255	10.4444641
47	27.0771	28.7755	9.5295128	9.5559327	13	75.2783	222.4115	9.9735801	10.4440673
48	27.0990	28.8018	9.5298638	9.5563292	12	75.2705	222.2086	9.9735346	10.4436708
49	27.1209	28.8281	9.5302146	9.5567255	11	75.2626	222.0059	9.9734891	10.4432745
50	27.1428	28.8544	9.5305650	9.5571214	10	75.2547	221.8036	9.9734435	10.4428786
51	27.1647	28.8807	9.5309151	9.5575171	9	75.2468	221.6016	9.9733980	10.4424829
52	27.1866	28.9070	9.5312649	9.5579125	8	75.2389	221.3999	9.9733523	10.4420875
53	27.2085	28.9333	9.5316143	9.5583077	7	75.2310	221.1986	9.9733067	10.4416923
54	27.2304	28.9596	9.5319635	9.5587025	6	75.2230	220.9976	9.9732610	10.4412975
55	27.2522	28.9859	9.5323123	9.5590971	5	75.2151	220.7969	9.9732152	10.4409029
56	27.2741	29.0122	9.5326608	9.5594914	4	75.2072	220.5965	9.9731694	10.4405086
57	27.2960	29.0386	9.5330090	9.5598854	3	75.1993	220.3964	9.9731236	10.4401146
58	27.3179	29.0649	9.5333569	9.5602792	2	75.1913	220.1967	9.9730777	10.4397208
59	27.3397	29.0913	9.5337044	9.5606727	1	75.1834	219.9973	9.9730318	10.4393273
60	27.3616	29.1176	9.5340517	9.5610659	0	75.1754	219.7982	9.9729858	10.4389341

20 Grad.					69 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	27.3616	29.1176	9.5340517	9.5610659	60	75.1754	219.7982	9.9729858	10.4389341
1	27.3835	29.1440	9.5343986	9.5614588	59	75.1674	219.5994	9.9729398	10.4385412
2	27.4053	29.1703	9.5347452	9.5618515	58	75.1595	219.4010	9.9728938	10.4381485
3	27.4272	29.1967	9.5350915	9.5622439	57	75.1515	219.2028	9.9728477	10.4377561
4	27.4491	29.2231	9.5354375	9.5626360	56	75.1435	219.0050	9.9728016	10.4373640
5	27.4709	29.2495	9.5357832	9.5630278	55	75.1355	218.8075	9.9727554	10.4369722
6	27.4928	29.2758	9.5361286	9.5634194	54	75.1275	218.6103	9.9727092	10.4365806
7	27.5146	29.3022	9.5364737	9.5638107	53	75.1195	218.4134	9.9726629	10.4361893
8	27.5365	29.3286	9.5368184	9.5642018	52	75.1115	218.2168	9.9726166	10.4357982
9	27.5583	29.3550	9.5371628	9.5645925	51	75.1035	218.0206	9.9725703	10.4354075
10	27.5802	29.3814	9.5375070	9.5649831	50	75.0955	217.8246	9.9725239	10.4350169
11	27.6020	29.4079	9.5378508	9.5653733	49	75.0875	217.6290	9.9724775	10.4346267
12	27.6239	29.4343	9.5381943	9.5657633	48	75.0794	217.4336	9.9724310	10.4342367
13	27.6457	29.4607	9.5385375	9.5661530	47	75.0714	217.2386	9.9723845	10.4338470
14	27.6675	29.4871	9.5388804	9.5665424	46	75.0634	217.0439	9.9723380	10.4334576
15	27.6894	29.5136	9.5392230	9.5669316	45	75.0553	216.8495	9.9722914	10.4330684
16	27.7112	29.5400	9.5395653	9.5673205	44	75.0472	216.6554	9.9722448	10.4326795
17	27.7330	29.5664	9.5399073	9.5677091	43	75.0392	216.4616	9.9721981	10.4322909
18	27.7549	29.5929	9.5402489	9.5680975	42	75.0311	216.2681	9.9721514	10.4319025
19	27.7767	29.6194	9.5405903	9.5684856	41	75.0230	216.0749	9.9721047	10.4315144
20	27.7985	29.6458	9.5409314	9.5688735	40	75.0150	215.8820	9.9720579	10.4311265
21	27.8203	29.6723	9.5412721	9.5692611	39	75.0069	215.6894	9.9720110	10.4307389
22	27.8421	29.6988	9.5416126	9.5696484	38	74.9988	215.4972	9.9719642	10.4303516
23	27.8640	29.7252	9.5419527	9.5700355	37	74.9907	215.3052	9.9719172	10.4299645
24	27.8858	29.7517	9.5422926	9.5704223	36	74.9826	215.1135	9.9718703	10.4295777
25	27.9076	29.7782	9.5426321	9.5708088	35	74.9744	214.9221	9.9718233	10.4291912
26	27.9294	29.8047	9.5429713	9.5711951	34	74.9663	214.7311	9.9717762	10.4288049
27	27.9512	29.8312	9.5433103	9.5715811	33	74.9582	214.5403	9.9717291	10.4284189
28	27.9730	29.8577	9.5436489	9.5719669	32	74.9501	214.3498	9.9716820	10.4280331
29	27.9948	29.8843	9.5439873	9.5723524	31	74.9419	214.1596	9.9716348	10.4276476
30	28.0166	29.9108	9.5443253	9.5727377	30	74.9338	213.9697	9.9715876	10.4272623
31	28.0384	29.9373	9.5446630	9.5731227	29	74.9256	213.7801	9.9715404	10.4268773
32	28.0602	29.9638	9.5450005	9.5735074	28	74.9175	213.5908	9.9714931	10.4264926
33	28.0820	29.9904	9.5453376	9.5738919	27	74.9093	213.4018	9.9714457	10.4261081
34	28.1038	30.0169	9.5456745	9.5742761	26	74.9011	213.2131	9.9713984	10.4257239
35	28.1255	30.0435	9.5460110	9.5746601	25	74.8929	213.0247	9.9713509	10.4253399
36	28.1473	30.0700	9.5463472	9.5750438	24	74.8848	212.8366	9.9713035	10.4249562
37	28.1691	30.0966	9.5466832	9.5754272	23	74.8766	212.6487	9.9712560	10.4245728
38	28.1909	30.1232	9.5470189	9.5758104	22	74.8684	212.4612	9.9712084	10.4241896
39	28.2127	30.1497	9.5473542	9.5761934	21	74.8602	212.2739	9.9711608	10.4238066
40	28.2344	30.1763	9.5476893	9.5765761	20	74.8520	212.0869	9.9711132	10.4234239
41	28.2562	30.2029	9.5480240	9.5769585	19	74.8437	211.9002	9.9710655	10.4230415
42	28.2780	30.2295	9.5483585	9.5773407	18	74.8355	211.7139	9.9710178	10.4226593
43	28.2998	30.2561	9.5486927	9.5777226	17	74.8273	211.5278	9.9709701	10.4222774
44	28.3215	30.2827	9.5490266	9.5781043	16	74.8191	211.3419	9.9709223	10.4218957
45	28.3433	30.3093	9.5493602	9.5784858	15	74.8108	211.1564	9.9708744	10.4215142
46	28.3650	30.3359	9.5496935	9.5788669	14	74.8026	210.9711	9.9708265	10.4211331
47	28.3868	30.3625	9.5500265	9.5792479	13	74.7943	210.7862	9.9707786	10.4207521
48	28.4086	30.3892	9.5503592	9.5796286	12	74.7861	210.6015	9.9707306	10.4203714
49	28.4303	30.4158	9.5506916	9.5800090	11	74.7778	210.4171	9.9706826	10.4199910
50	28.4521	30.4424	9.5510237	9.5803892	10	74.7695	210.2330	9.9706346	10.4196108
51	28.4738	30.4691	9.5513556	9.5807691	9	74.7612	210.0491	9.9705865	10.4192309
52	28.4956	30.4957	9.5516871	9.5811488	8	74.7529	209.8656	9.9705383	10.4188512
53	28.5173	30.5224	9.5520184	9.5815282	7	74.7447	209.6823	9.9704902	10.4184718
54	28.5390	30.5490	9.5523494	9.5819074	6	74.7364	209.4993	9.9704419	10.4180926
55	28.5608	30.5757	9.5526801	9.5822864	5	74.7281	209.3166	9.9703937	10.4177136
56	28.5825	30.6024	9.5530105	9.5826651	4	74.7197	209.1341	9.9703454	10.4173349
57	28.6042	30.6290	9.5533406	9.5830435	3	74.7114	208.9520	9.9702970	10.4169565
58	28.6260	30.6557	9.5536704	9.5834217	2	74.7031	208.7701	9.9702486	10.4165783
59	28.6477	30.6824	9.5539999	9.5837997	1	74.6948	208.5885	9.9702002	10.4162003
60	28.6694	30.7091	9.5543292	9.5841774	0	74.6864	208.4071	9.9701517	10.4158226

21 Grad					68 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	28.6694	30.7091	9.5543292	9.5841774	60	74.6864	208.4071	9.9701517	10.4158226
1	28.6912	30.7358	9.5546581	9.5845549	59	74.6781	208.2261	9.9701032	10.4154451
2	28.7129	30.7625	9.5549868	9.5849321	58	74.6697	208.0453	9.9700547	10.4150679
3	28.7346	30.7892	9.5553152	9.5853091	57	74.6614	207.8648	9.9700061	10.4146909
4	28.7563	30.8160	9.5556433	9.5856859	56	74.6530	207.6845	9.9699574	10.4143141
5	28.7780	30.8427	9.5559711	9.5860624	55	74.6447	207.5045	9.9699087	10.4139376
6	28.7997	30.8694	9.5562987	9.5864386	54	74.6363	207.3248	9.9698600	10.4135614
7	28.8215	30.8962	9.5566259	9.5868147	53	74.6279	207.1454	9.9698112	10.4131853
8	28.8432	30.9229	9.5569529	9.5871904	52	74.6195	206.9663	9.9697624	10.4128096
9	28.8649	30.9497	9.5572796	9.5875660	51	74.6111	206.7874	9.9697136	10.4124340
10	28.8866	30.9764	9.5576060	9.5879413	50	74.6027	206.6088	9.9696647	10.4120587
11	28.9083	31.0032	9.5579321	9.5883163	49	74.5943	206.4304	9.9696158	10.4116837
12	28.9300	31.0300	9.5582579	9.5886912	48	74.5859	206.2523	9.9695668	10.4113088
13	28.9517	31.0567	9.5585835	9.5890657	47	74.5775	206.0745	9.9695177	10.4109343
14	28.9734	31.0835	9.5589088	9.5894401	46	74.5691	205.8969	9.9694687	10.4105599
15	28.9950	31.1103	9.5592338	9.5898142	45	74.5606	205.7197	9.9694196	10.4101858
16	29.0167	31.1371	9.5595585	9.5901881	44	74.5522	205.5426	9.9693704	10.4098119
17	29.0384	31.1639	9.5598829	9.5905617	43	74.5438	205.3659	9.9693212	10.4094383
18	29.0601	31.1907	9.5602071	9.5909351	42	74.5353	205.1894	9.9692720	10.4090649
19	29.0818	31.2175	9.5605310	9.5913082	41	74.5268	205.0132	9.9692227	10.4086918
20	29.1035	31.2443	9.5608546	9.5916812	40	74.5184	204.8372	9.9691734	10.4083188
21	29.1251	31.2712	9.5611779	9.5920539	39	74.5099	204.6615	9.9691240	10.4079461
22	29.1468	31.2980	9.5615010	9.5924263	38	74.5014	204.4860	9.9690746	10.4075737
23	29.1685	31.3248	9.5618237	9.5927985	37	74.4930	204.3109	9.9690252	10.4072015
24	29.1901	31.3517	9.5621462	9.5931705	36	74.4845	204.1359	9.9689757	10.4068295
25	29.2118	31.3785	9.5624685	9.5935422	35	74.4760	203.9613	9.9689262	10.4064577
26	29.2335	31.4054	9.5627904	9.5939138	34	74.4675	203.7869	9.9688766	10.4060862
27	29.2551	31.4322	9.5631121	9.5942851	33	74.4590	203.6127	9.9688270	10.4057149
28	29.2768	31.4591	9.5634335	9.5946561	32	74.4504	203.4388	9.9687773	10.4053439
29	29.2984	31.4860	9.5637546	9.5950269	31	74.4419	203.2652	9.9687276	10.4049731
30	29.3201	31.5128	9.5640754	9.5953975	30	74.4334	203.0918	9.9686779	10.4046025
31	29.3418	31.5397	9.5643960	9.5957679	29	74.4249	202.9187	9.9686281	10.4042321
32	29.3634	31.5666	9.5647163	9.5961380	28	74.4163	202.7458	9.9685783	10.4038620
33	29.3850	31.5935	9.5650363	9.5965079	27	74.4078	202.5732	9.9685284	10.4034921
34	29.4067	31.6204	9.5653561	9.5968776	26	74.3992	202.4009	9.9684785	10.4031224
35	29.4283	31.6473	9.5656756	9.5972470	25	74.3907	202.2288	9.9684286	10.4027530
36	29.4500	31.6742	9.5659948	9.5976162	24	74.3821	202.0569	9.9683786	10.4023838
37	29.4716	31.7012	9.5663137	9.5979852	23	74.3736	201.8853	9.9683285	10.4020148
38	29.4932	31.7281	9.5666324	9.5983540	22	74.3650	201.7140	9.9682784	10.4016460
39	29.5149	31.7550	9.5669508	9.5987225	21	74.3564	201.5429	9.9682283	10.4012775
40	29.5365	31.7820	9.5672689	9.5990908	20	74.3478	201.3721	9.9681781	10.4009092
41	29.5581	31.8089	9.5675868	9.5994588	19	74.3392	201.2015	9.9681279	10.4005412
42	29.5797	31.8359	9.5679044	9.5998267	18	74.3306	201.0311	9.9680777	10.4001733
43	29.6014	31.8628	9.5682217	9.6001943	17	74.3220	200.8610	9.9680274	10.3998057
44	29.6230	31.8898	9.5685387	9.6005617	16	74.3134	200.6912	9.9679771	10.3994383
45	29.6446	31.9168	9.5688555	9.6009289	15	74.3048	200.5216	9.9679267	10.3990711
46	29.6662	31.9437	9.5691721	9.6012958	14	74.2961	200.3522	9.9678763	10.3987042
47	29.6878	31.9707	9.5694883	9.6016625	13	74.2875	200.1831	9.9678258	10.3983375
48	29.7094	31.9977	9.5698043	9.6020290	12	74.2789	200.0143	9.9677753	10.3979710
49	29.7310	32.0247	9.5701200	9.6023953	11	74.2702	199.8457	9.9677247	10.3976047
50	29.7526	32.0517	9.5704355	9.6027613	10	74.2616	199.6773	9.9676741	10.3972387
51	29.7742	32.0787	9.5707506	9.6031271	9	74.2529	199.5092	9.9676235	10.3968729
52	29.7958	32.1057	9.5710656	9.6034927	8	74.2442	199.3413	9.9675728	10.3965073
53	29.8174	32.1328	9.5713802	9.6038581	7	74.2356	199.1736	9.9675221	10.3961419
54	29.8390	32.1598	9.5716946	9.6042233	6	74.2269	199.0062	9.9674713	10.3957767
55	29.8606	32.1868	9.5720087	9.6045882	5	74.2182	198.8391	9.9674205	10.3954118
56	29.8822	32.2139	9.5723226	9.6049529	4	74.2095	198.6722	9.9673697	10.3950471
57	29.9038	32.2409	9.5726362	9.6053174	3	74.2008	198.5055	9.9673188	10.3946826
58	29.9254	32.2680	9.5729495	9.6056817	2	74.1921	198.3391	9.9672679	10.3943183
59	29.9470	32.2950	9.5732626	9.6060457	1	74.1834	198.1729	9.9672169	10.3939543
60	29.9685	32.3221	9.5735754	9.6064096	0	74.1747	198.0070	9.9671659	10.3935904

22 Grad.					67 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	29.9685	32.3221	9.5735754	9.6064096	60	74.1747	198.0070	9.9671659	10.3935904
1	29.9901	32.3492	9.5738880	9.6067732	59	74.1660	197.8412	9.9671148	10.3932268
2	30.0117	32.3762	9.5742003	9.6071366	58	74.1573	197.6758	9.9670637	10.3928634
3	30.0332	32.4033	9.5745123	9.6074997	57	74.1485	197.5105	9.9670125	10.3925003
4	30.0548	32.4304	9.5748240	9.6078627	56	74.1398	197.3455	9.9669614	10.3921373
5	30.0764	32.4575	9.5751356	9.6082254	55	74.1310	197.1808	9.9669101	10.3917746
6	30.0979	32.4846	9.5754468	9.6085880	54	74.1223	197.0162	9.9668588	10.3914120
7	30.1195	32.5117	9.5757578	9.6089503	53	74.1135	196.8520	9.9668075	10.3910497
8	30.1411	32.5389	9.5760685	9.6093124	52	74.1048	196.6879	9.9667562	10.3906876
9	30.1626	32.5660	9.5763790	9.6096742	51	74.0960	196.5241	9.9667048	10.3903258
10	30.1842	32.5931	9.5766892	9.6100359	50	74.0872	196.3605	9.9666533	10.3899641
11	30.2057	32.6202	9.5769991	9.6103973	49	74.0784	196.1971	9.9666018	10.3896027
12	30.2273	32.6474	9.5773088	9.6107586	48	74.0696	196.0340	9.9665503	10.3892414
13	30.2488	32.6745	9.5776183	9.6111196	47	74.0608	195.8711	9.9664987	10.3888804
14	30.2704	32.7017	9.5779275	9.6114804	46	74.0520	195.7085	9.9664471	10.3885196
15	30.2919	32.7289	9.5782364	9.6118409	45	74.0432	195.5460	9.9663954	10.3881591
16	30.3134	32.7560	9.5785450	9.6122013	44	74.0344	195.3839	9.9663437	10.3877987
17	30.3350	32.7832	9.5788535	9.6125615	43	74.0256	195.2219	9.9662920	10.3874385
18	30.3565	32.8104	9.5791616	9.6129214	42	74.0168	195.0602	9.9662402	10.3870786
19	30.3780	32.8376	9.5794695	9.6132812	41	74.0079	194.8986	9.9661884	10.3867188
20	30.3996	32.8648	9.5797772	9.6136407	40	73.9991	194.7374	9.9661365	10.3863593
21	30.4211	32.8920	9.5800845	9.6140000	39	73.9903	194.5763	9.9660846	10.3860000
22	30.4426	32.9192	9.5803917	9.6143591	38	73.9814	194.4155	9.9660326	10.3856409
23	30.4641	32.9464	9.5806986	9.6147180	37	73.9725	194.2549	9.9659806	10.3852820
24	30.4856	32.9736	9.5810052	9.6150766	36	73.9637	194.0946	9.9659285	10.3849234
25	30.5071	33.0008	9.5813116	9.6154351	35	73.9548	193.9344	9.9658764	10.3845649
26	30.5287	33.0281	9.5816177	9.6157934	34	73.9459	193.7745	9.9658243	10.3842066
27	30.5502	33.0553	9.5819236	9.6161514	33	73.9370	193.6148	9.9657721	10.3838486
28	30.5717	33.0826	9.5822292	9.6165093	32	73.9282	193.4553	9.9657199	10.3834907
29	30.5932	33.1098	9.5825345	9.6168669	31	73.9193	193.2961	9.9656677	10.3831331
30	30.6147	33.1371	9.5828397	9.6172243	30	73.9104	193.1371	9.9656153	10.3827757
31	30.6362	33.1644	9.5831445	9.6175815	29	73.9015	192.9783	9.9655630	10.3824185
32	30.6577	33.1916	9.5834491	9.6179385	28	73.8925	192.8197	9.9655106	10.3820615
33	30.6792	33.2189	9.5837535	9.6182953	27	73.8836	192.6614	9.9654582	10.3817047
34	30.7007	33.2462	9.5840576	9.6186519	26	73.8747	192.5032	9.9654057	10.3813481
35	30.7221	33.2735	9.5843615	9.6190083	25	73.8658	192.3453	9.9653532	10.3809917
36	30.7436	33.3008	9.5846651	9.6193645	24	73.8568	192.1877	9.9653006	10.3806355
37	30.7651	33.3281	9.5849685	9.6197205	23	73.8479	192.0302	9.9652480	10.3802795
38	30.7866	33.3554	9.5852716	9.6200762	22	73.8389	191.8729	9.9651953	10.3799238
39	30.8081	33.3827	9.5855745	9.6204318	21	73.8300	191.7159	9.9651426	10.3795682
40	30.8295	33.4101	9.5858771	9.6207872	20	73.8210	191.5591	9.9650899	10.3792128
41	30.8510	33.4374	9.5861795	9.6211423	19	73.8120	191.4025	9.9650371	10.3788577
42	30.8725	33.4647	9.5864816	9.6214973	18	73.8030	191.2462	9.9649843	10.3785027
43	30.8940	33.4921	9.5867835	9.6218520	17	73.7941	191.0900	9.9649314	10.3781480
44	30.9154	33.5194	9.5870851	9.6222066	16	73.7851	190.9341	9.9648785	10.3777934
45	30.9369	33.5468	9.5873865	9.6225609	15	73.7761	190.7783	9.9648256	10.3774391
46	30.9583	33.5742	9.5876876	9.6229150	14	73.7671	190.6228	9.9647726	10.3770850
47	30.9798	33.6015	9.5879885	9.6232690	13	73.7581	190.4676	9.9647195	10.3767310
48	31.0012	33.6289	9.5882892	9.6236227	12	73.7490	190.3125	9.9646665	10.3763773
49	31.0227	33.6563	9.5885896	9.6239763	11	73.7400	190.1576	9.9646133	10.3760237
50	31.0441	33.6837	9.5888897	9.6243296	10	73.7310	190.0030	9.9645602	10.3756704
51	31.0656	33.7111	9.5891897	9.6246827	9	73.7220	189.8485	9.9645069	10.3753173
52	31.0870	33.7385	9.5894893	9.6250356	8	73.7129	189.6943	9.9644537	10.3749644
53	31.1085	33.7659	9.5897888	9.6253884	7	73.7039	189.5403	9.9644004	10.3746116
54	31.1299	33.7933	9.5900880	9.6257409	6	73.6948	189.3865	9.9643470	10.3742591
55	31.1514	33.8208	9.5903869	9.6260932	5	73.6858	189.2329	9.9642937	10.3739068
56	31.1728	33.8482	9.5906856	9.6264454	4	73.6767	189.0796	9.9642402	10.3735546
57	31.1942	33.8756	9.5909841	9.6267973	3	73.6676	188.9264	9.9641868	10.3732027
58	31.2156	33.9031	9.5912823	9.6271491	2	73.6586	188.7735	9.9641332	10.3728509
59	31.2371	33.9305	9.5915803	9.6275006	1	73.6495	188.6207	9.9640797	10.3724994
60	31.2585	33.9580	9.5918780	9.6278519	0	73.6404	188.4682	9.9640261	10.3721481

23 Grad					66 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	31.2585	33.9580	9.5918780	9.6278519	60	73.6404	188.4682	9.9640261	10.3721481
1	31.2799	33.9855	9.5921755	9.6282031	59	73.6313	188.3159	9.9639724	10.3717969
2	31.3013	34.0129	9.5924728	9.6285540	58	73.6222	188.1638	9.9639187	10.3714460
3	31.3227	34.0404	9.5927698	9.6289048	57	73.6131	188.0118	9.9638650	10.3710952
4	31.3442	34.0679	9.5930666	9.6292553	56	73.6040	187.8602	9.9638112	10.3707447
5	31.3656	34.0954	9.5933631	9.6296057	55	73.5948	187.7087	9.9637574	10.3703943
6	31.3870	34.1229	9.5936594	9.6299558	54	73.5857	187.5574	9.9637036	10.3700442
7	31.4084	34.1504	9.5939555	9.6303058	53	73.5766	187.4063	9.9636496	10.3696942
8	31.4298	34.1779	9.5942513	9.6306556	52	73.5674	187.2554	9.9635957	10.3693444
9	31.4512	34.2054	9.5945469	9.6310052	51	73.5583	187.1048	9.9635417	10.3689948
10	31.4726	34.2330	9.5948422	9.6313545	50	73.5492	186.9543	9.9634877	10.3686455
11	31.4940	34.2605	9.5951373	9.6317037	49	73.5400	186.8040	9.9634336	10.3682963
12	31.5154	34.2880	9.5954322	9.6320527	48	73.5308	186.6540	9.9633795	10.3679473
13	31.5367	34.3156	9.5957268	9.6324015	47	73.5217	186.5041	9.9633253	10.3675985
14	31.5581	34.3432	9.5960212	9.6327501	46	73.5125	186.3545	9.9632711	10.3672499
15	31.5795	34.3707	9.5963154	9.6330985	45	73.5033	186.2050	9.9632168	10.3669015
16	31.6009	34.3983	9.5966093	9.6334468	44	73.4941	186.0558	9.9631625	10.3665532
17	31.6223	34.4259	9.5969030	9.6337948	43	73.4849	185.9068	9.9631082	10.3662052
18	31.6436	34.4534	9.5971965	9.6341426	42	73.4757	185.7579	9.9630538	10.3658574
19	31.6650	34.4810	9.5974897	9.6344903	41	73.4665	185.6093	9.9629994	10.3655097
20	31.6864	34.5086	9.5977827	9.6348378	40	73.4573	185.4608	9.9629449	10.3651622
21	31.7077	34.5362	9.5980754	9.6351850	39	73.4481	185.3126	9.9628904	10.3648150
22	31.7291	34.5638	9.5983679	9.6355321	38	73.4388	185.1646	9.9628358	10.3644679
23	31.7505	34.5915	9.5986602	9.6358790	37	73.4296	185.0167	9.9627812	10.3641210
24	31.7718	34.6191	9.5989523	9.6362257	36	73.4204	184.8691	9.9627266	10.3637743
25	31.7932	34.6467	9.5992441	9.6365722	35	73.4111	184.7216	9.9626719	10.3634278
26	31.8145	34.6744	9.5995357	9.6369185	34	73.4019	184.5744	9.9626172	10.3630815
27	31.8359	34.7020	9.5998271	9.6372646	33	73.3926	184.4274	9.9625624	10.3627354
28	31.8572	34.7297	9.6001181	9.6376106	32	73.3834	184.2805	9.9625076	10.3623894
29	31.8786	34.7573	9.6004090	9.6379563	31	73.3741	184.1339	9.9624527	10.3620437
30	31.8999	34.7850	9.6006997	9.6383019	30	73.3648	183.9874	9.9623978	10.3616981
31	31.9213	34.8127	9.6009901	9.6386473	29	73.3555	183.8411	9.9623428	10.3613527
32	31.9426	34.8403	9.6012803	9.6389925	28	73.3462	183.6951	9.9622878	10.3610075
33	31.9639	34.8680	9.6015703	9.6393375	27	73.3369	183.5492	9.9622328	10.3606625
34	31.9853	34.8957	9.6018600	9.6396823	26	73.3276	183.4035	9.9621777	10.3603177
35	32.0066	34.9234	9.6021495	9.6400269	25	73.3183	183.2581	9.9621226	10.3599731
36	32.0279	34.9511	9.6024388	9.6403714	24	73.3090	183.1128	9.9620674	10.3596286
37	32.0492	34.9789	9.6027278	9.6407156	23	73.2997	182.9677	9.9620122	10.3592844
38	32.0706	35.0066	9.6030166	9.6410597	22	73.2904	182.9028	9.9619569	10.3589403
39	32.0919	35.0343	9.6033052	9.6414036	21	73.2810	182.6781	9.9619016	10.3585964
40	32.1132	35.0620	9.6035936	9.6417473	20	73.2717	182.5335	9.9618463	10.3582527
41	32.1345	35.0898	9.6038817	9.6420908	19	73.2624	182.3892	9.9617909	10.3579092
42	32.1558	35.1175	9.6041696	9.6424342	18	73.2530	182.2451	9.9617355	10.3575658
43	32.1771	35.1453	9.6044573	9.6427773	17	73.2436	182.1011	9.9616800	10.3572227
44	32.1984	35.1731	9.6047448	9.6431203	16	73.2343	181.9574	9.9616245	10.3568797
45	32.2197	35.2008	9.6050320	9.6434631	15	73.2249	181.8138	9.9615689	10.3565369
46	32.2410	35.2286	9.6053190	9.6438057	14	73.2155	181.6705	9.9615133	10.3561943
47	32.2623	35.2564	9.6056057	9.6441481	13	73.2062	181.5273	9.9614576	10.3558519
48	32.2836	35.2842	9.6058923	9.6444903	12	73.1968	181.3843	9.9614020	10.3555097
49	32.3049	35.3120	9.6061786	9.6448324	11	73.1874	181.2415	9.9613463	10.3551676
50	32.3262	35.3398	9.6064647	9.6451743	10	73.1780	181.0989	9.9612904	10.3548257
51	32.3475	35.3676	9.6067506	9.6455160	9	73.1686	180.9564	9.9612346	10.3544840
52	32.3688	35.3954	9.6070362	9.6458575	8	73.1592	180.8142	9.9611787	10.3541425
53	32.3900	35.4233	9.6073216	9.6461988	7	73.1497	180.6721	9.9611228	10.3538012
54	32.4113	35.4511	9.6076068	9.6465400	6	73.1403	180.5303	9.9610668	10.3534600
55	32.4326	35.4790	9.6078918	9.6468810	5	73.1309	180.3886	9.9610108	10.3531190
56	32.4539	35.5068	9.6081765	9.6472217	4	73.1214	180.2471	9.9609548	10.3527783
57	32.4751	35.5347	9.6084611	9.6475624	3	73.1120	180.1058	9.9608987	10.3524376
58	32.4964	35.5625	9.6087454	9.6479028	2	73.1026	179.9646	9.9608426	10.3520972
59	32.5177	35.5904	9.6090294	9.6482431	1	73.0931	179.8237	9.9607864	10.3517569
60	32.5389	35.6183	9.6093133	9.6485831	0	73.0836	179.6829	9.9607302	10.3514169

24 Grad.					65 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	32.5389	35.6183	9.6093133	9.6485831	60	73.0836	179.6829	9.9607302	10.3514169
1	32.5602	35.6462	9.6095969	9.6489230	59	73.0742	179.5424	9.9606739	10.3510770
2	32.5814	35.6741	9.6098803	9.6492628	58	73.0647	179.4020	9.9606176	10.3507372
3	32.6027	35.7020	9.6091635	9.6496023	57	73.0552	179.2618	9.9605612	10.3503977
4	32.6239	35.7299	9.6104465	9.6499417	56	73.0457	179.1217	9.9605048	10.3500583
5	32.6452	35.7578	9.6107293	9.6502809	55	73.0362	179.1819	9.9604484	10.3497191
6	32.6664	35.7857	9.6110118	9.6506199	54	73.0267	178.8422	9.9603919	10.3493801
7	32.6877	35.8137	9.6112941	9.6509587	53	73.0172	178.7028	9.9603354	10.3490413
8	32.7089	35.8416	9.6115762	9.6512974	52	73.0077	178.5635	9.9602788	10.3487026
9	32.7302	35.8695	9.6118580	9.6516359	51	72.9982	178.4243	9.9602222	10.3483641
10	32.7514	35.8975	9.6121399	9.6519742	50	72.9887	178.2854	9.9601655	10.3480258
11	32.7726	35.9255	9.6124211	9.6523123	49	72.9791	178.1466	9.9601088	10.3476877
12	32.7938	35.9534	9.6127023	9.6526503	48	72.9696	178.0081	9.9600520	10.3473497
13	32.8151	35.9814	9.6129833	9.6529881	47	72.9601	177.8697	9.9599952	10.3470119
14	32.8363	36.0094	9.6132641	9.6533257	46	72.9505	177.7315	9.9599384	10.3466743
15	32.8575	36.0374	9.6135446	9.6536631	45	72.9410	177.5934	9.9598815	10.3463369
16	32.8787	36.0654	9.6138250	9.6540004	44	72.9314	177.4556	9.9598246	10.3459996
17	32.8999	36.0934	9.6141051	9.6543375	43	72.9218	177.3179	9.9597676	10.3456625
18	32.9212	36.1214	9.6143850	9.6546744	42	72.9123	177.1804	9.9597106	10.3453256
19	32.9424	36.1494	9.6146647	9.6550112	41	72.9027	177.0430	9.9596535	10.3449888
20	32.9636	36.1774	9.6149441	9.6553477	40	72.8931	176.9059	9.9595964	10.3446523
21	32.9848	36.2055	9.6152234	9.6556841	39	72.8835	176.7689	9.9595393	10.3443159
22	33.0060	36.2335	9.6155024	9.6560204	38	72.8739	176.6321	9.9594821	10.3439796
23	33.0272	36.2616	9.6157812	9.6563564	37	72.8643	176.4955	9.9594248	10.3436436
24	33.0484	36.2896	9.6160598	9.6566923	36	72.8547	176.3590	9.9593675	10.3433077
25	33.0695	36.3177	9.6163382	9.6570280	35	72.8451	176.2227	9.9593102	10.3429720
26	33.0907	36.3457	9.6166164	9.6573636	34	72.8355	176.0866	9.9592528	10.3426364
27	33.1119	36.3738	9.6168944	9.6576989	33	72.8258	175.9507	9.9591954	10.3423011
28	33.1331	36.4019	9.6171721	9.6580341	32	72.8162	175.8150	9.9591380	10.3419659
29	33.1543	36.4300	9.6174496	9.6583692	31	72.8066	175.6794	9.9590805	10.3416308
30	33.1755	36.4581	9.6177270	9.6587041	30	72.7969	175.5440	9.9590229	10.3412960
31	33.1966	36.4862	9.6180041	9.6590387	29	72.7872	175.4087	9.9589653	10.3409613
32	33.2178	36.5143	9.6182809	9.6593733	28	72.7776	175.2737	9.9589077	10.3406267
33	33.2390	36.5424	9.6185576	9.6597076	27	72.7679	175.1388	9.9588500	10.3402924
34	33.2601	36.5706	9.6188341	9.6600418	26	72.7582	175.0041	9.9587923	10.3399582
35	33.2813	36.5987	9.6191103	9.6603758	25	72.7486	174.8695	9.9587345	10.3396242
36	33.3025	36.6269	9.6193864	9.6607097	24	72.7389	174.7352	9.9586767	10.3392903
37	33.3236	36.6550	9.6196622	9.6610434	23	72.7292	174.6010	9.9586188	10.3389566
38	33.3448	36.6832	9.6199378	9.6613769	22	72.7195	174.4669	9.9585609	10.3386231
39	33.3659	36.7113	9.6202132	9.6617103	21	72.7098	174.3330	9.9585030	10.3382897
40	33.3871	36.7395	9.6204884	9.6620434	20	72.7001	174.1994	9.9584450	10.3379566
41	33.4082	36.7677	9.6207634	9.6623765	19	72.6904	174.0658	9.9583869	10.3376235
42	33.4294	36.7959	9.6210382	9.6627093	18	72.6807	173.9325	9.9583288	10.3372907
43	33.4505	36.8241	9.6213127	9.6630420	17	72.6709	173.7993	9.9582707	10.3369580
44	33.4716	36.8523	9.6215871	9.6633745	16	72.6612	173.6663	9.9582125	10.3366255
45	33.4928	36.8805	9.6218612	9.6637069	15	72.6515	173.5334	9.9581543	10.3362931
46	33.5139	36.9087	9.6221351	9.6640391	14	72.6417	173.4007	9.9580961	10.3359609
47	33.5350	36.9370	9.6224088	9.6643711	13	72.6320	173.2682	9.9580378	10.3356289
48	33.5562	36.9652	9.6226824	9.6647030	12	72.6222	173.1359	9.9579794	10.3352970
49	33.5773	36.9934	9.6229557	9.6650346	11	72.6124	173.0037	9.9579210	10.3349654
50	33.5984	37.0217	9.6232287	9.6653662	10	72.6027	172.8717	9.9578626	10.3346338
51	33.6195	37.0499	9.6235016	9.6656975	9	72.5929	172.7398	9.9578041	10.3343025
52	33.6406	37.0782	9.6237743	9.6660288	8	72.5831	172.6081	9.9577456	10.3339712
53	33.6618	37.1065	9.6240467	9.6663598	7	72.5733	172.4766	9.9576870	10.3336402
54	33.6829	37.2197	9.6243190	9.6666907	6	72.5635	172.3452	9.9576284	10.3333093
55	33.7040	37.1631	9.6245911	9.6670214	5	72.5537	172.2141	9.9575697	10.3329786
56	33.7251	37.1914	9.6248629	9.6673519	4	72.5439	172.0830	9.9575110	10.3326481
57	33.7462	37.2197	9.6251346	9.6676823	3	72.5341	171.9522	9.9574522	10.3323177
58	33.7673	37.2480	9.6254060	9.6680126	2	72.5243	171.8215	9.9573934	10.3319874
59	33.7884	37.2763	9.6256772	9.6683426	1	72.5145	171.6909	9.9573346	10.3316574
60	33.8095	37.3046	9.6259483	9.6686725	0	72.5046	171.5606	9.9572757	10.3313275

25 Grad					64 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	33.8095	37.3046	9.6259483	9.6686725	60	72.5046	171.5606	9.9572757	10.3313275
1	33.8306	37.3330	9.6262191	9.6690023	59	72.4948	171.4303	9.9572168	10.3309977
2	33.8516	37.3613	9.6264897	9.6693319	58	72.4849	171.3003	9.9571578	10.3306681
3	33.8727	37.3896	9.6267601	9.6696613	57	72.4751	171.1704	9.9570988	10.3303387
4	33.8938	37.4180	9.6270303	9.6699906	56	72.4652	171.0407	9.9570397	10.3300094
5	33.9149	37.4464	9.6273003	9.6703197	55	72.4554	170.9111	9.9569806	10.3296803
6	33.9360	37.4747	9.6275701	9.6706486	54	72.4455	170.7817	9.9569215	10.3293514
7	33.9570	37.5031	9.6278397	9.6709774	53	72.4356	170.6525	9.9568623	10.3290226
8	33.9781	37.5315	9.6281090	9.6713060	52	72.4258	170.5234	9.9568030	10.3286940
9	33.9992	37.5599	9.6283782	9.6716345	51	72.4159	170.3945	9.9567437	10.3283655
10	34.0202	37.5883	9.6286472	9.6719628	50	72.4060	170.2657	9.9566844	10.3280372
11	34.0413	37.6167	9.6289160	9.6722910	49	72.3961	170.1371	9.9566250	10.3277090
12	34.0623	37.6451	9.6291845	9.6726190	48	72.3862	170.0087	9.9565656	10.3273810
13	34.0834	37.6736	9.6294529	9.6729468	47	72.3763	169.8804	9.9565061	10.3270532
14	34.1044	37.7020	9.6297211	9.6732745	46	72.3663	169.7522	9.9564466	10.3267255
15	34.1255	37.7304	9.6299890	9.6736020	45	72.3564	169.6243	9.9563870	10.3263980
16	34.1465	37.7589	9.6302568	9.6739294	44	72.3465	169.4965	9.9563274	10.3260706
17	34.1676	37.7874	9.6305243	9.6742566	43	72.3365	169.3688	9.9562678	10.3257434
18	34.1886	37.8158	9.6307917	9.6745836	42	72.3266	169.2413	9.9562081	10.3254164
19	34.2097	37.8443	9.6310589	9.6749105	41	72.3167	169.1140	9.9561483	10.3250895
20	34.2307	37.8728	9.6313258	9.6752372	40	72.3067	168.9868	9.9560886	10.3247628
21	34.2517	37.9013	9.6315926	9.6755638	39	72.2967	168.8598	9.9560287	10.3244362
22	34.2728	37.9298	9.6318591	9.6758902	38	72.2868	168.7329	9.9559689	10.3241097
23	34.2938	37.9583	9.6321255	9.6762165	37	72.2768	168.6046	9.9559089	10.3237835
24	34.3148	37.9868	9.6323916	9.6765426	36	72.2668	168.4796	9.9558490	10.3234574
25	34.3358	38.0153	9.6326576	9.6768686	35	72.2568	168.3532	9.9557890	10.3231314
26	34.3568	38.0438	9.6329233	9.6771944	34	72.2468	168.2270	9.9557289	10.3228056
27	34.3779	38.0724	9.6331889	9.6775201	33	72.2368	168.1009	9.9556688	10.3224799
28	34.3989	38.1009	9.6334542	9.6778456	32	72.2268	167.9749	9.9556087	10.3221544
29	34.4199	38.1295	9.6337194	9.6781709	31	72.2168	167.8491	9.9555485	10.3218291
30	34.4409	38.1580	9.6339844	9.6784961	30	72.2068	167.7235	9.9554882	10.3215039
31	34.4619	38.1866	9.6342491	9.6788211	29	72.1968	167.5980	9.9554280	10.3211789
32	34.4829	38.2152	9.6345137	9.6791460	28	72.1868	167.4727	9.9553676	10.3208540
33	34.5039	38.2438	9.6347780	9.6794708	27	72.1767	167.3475	9.9553073	10.3205292
34	34.5249	38.2724	9.6350422	9.6797953	26	72.1667	167.2225	9.9552469	10.3202047
35	34.5459	38.3010	9.6353062	9.6801198	25	72.1567	167.0976	9.9551864	10.3198803
36	34.5669	38.3296	9.6355699	9.6804440	24	72.1466	166.9729	9.9551259	10.3195560
37	34.5878	38.3582	9.6358335	9.6807682	23	72.1365	166.8483	9.9550653	10.3192318
38	34.6088	38.3868	9.6360969	9.6810921	22	72.1265	166.7239	9.9550047	10.3189079
39	34.6298	38.4155	9.6363601	9.6814160	21	72.1164	166.5996	9.9549441	10.3185840
40	34.6508	38.4441	9.6366231	9.6817396	20	72.1063	166.4755	9.9548834	10.3182604
41	34.6718	38.4727	9.6368859	9.6820632	19	72.0962	166.3515	9.9548227	10.3179368
42	34.6927	38.5014	9.6371484	9.6823865	18	72.0862	166.2277	9.9547619	10.3176135
43	34.7137	38.5301	9.6374108	9.6827098	17	72.0761	166.1041	9.9547011	10.3172902
44	34.7347	38.5587	9.6376731	9.6830328	16	72.0660	165.9805	9.9546402	10.3169672
45	34.7556	38.5874	9.6379351	9.6833557	15	72.0559	165.8572	9.9545793	10.3166443
46	34.7766	38.6161	9.6381969	9.6836785	14	72.0457	165.7339	9.9545184	10.3163215
47	34.7975	38.6448	9.6384585	9.6840011	13	72.0356	165.6109	9.9544574	10.3159989
48	34.8185	38.6735	9.6387199	9.6843236	12	72.0255	165.4879	9.9543963	10.3156764
49	34.8394	38.7022	9.6389812	9.6846459	11	72.0154	165.3652	9.9543352	10.3153541
50	34.8604	38.7309	9.6392422	9.6849681	10	72.0052	165.2425	9.9542741	10.3150319
51	34.8813	38.7597	9.6395030	9.6852901	9	71.9951	165.1201	9.9542129	10.3147099
52	34.9023	38.7884	9.6397637	9.6856120	8	71.9849	164.9977	9.9541517	10.3143880
53	34.9232	38.8172	9.6400241	9.6859338	7	71.9748	164.8755	9.9540904	10.3140662
54	34.9441	38.8459	9.6402844	9.6862553	6	71.9646	164.7535	9.9540291	10.3137447
55	34.9651	38.8747	9.6405445	9.6865768	5	71.9545	164.6316	9.9539677	10.3134232
56	34.9860	38.9034	9.6408044	9.6868981	4	71.9443	164.5099	9.9539063	10.3131019
57	35.0069	38.9322	9.6410640	9.6872192	3	71.9341	164.3882	9.9538448	10.3127803
58	35.0279	38.9610	9.6413235	9.6875402	2	71.9239	164.2668	9.9537833	10.3124598
59	35.0488	38.9898	9.6415828	9.6878611	1	71.9137	164.1455	9.9537218	10.3121389
60	35.0697	39.0186	9.6418420	9.6881818	0	71.9035	164.0243	9.9536602	10.3118182

26 Grad.					63 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	35.0697	39.0186	9.6418420	9.6881818	60	71.9035	164.0243	9.9536602	10.3118182
1	35.0906	39.0474	9.6421009	9.6885023	59	71.8933	163.9033	9.9535985	10.3114977
2	35.1115	39.0762	9.6423596	9.6888227	58	71.8831	163.7824	9.9535369	10.3111773
3	35.1324	39.1051	9.6426182	9.6891430	57	71.8729	163.6617	9.9534751	10.3108570
4	35.1533	39.1339	9.6428765	9.6894631	56	71.8627	163.5411	9.9534134	10.3105369
5	35.1742	39.1627	9.6431347	9.6897831	55	71.8524	163.4206	9.9533515	10.3102169
6	35.1951	39.1916	9.6433926	9.6901030	54	71.8422	163.3003	9.9532897	10.3098970
7	35.2160	39.2205	9.6436504	9.6904226	53	71.8320	163.1802	9.9532278	10.3095774
8	35.2369	39.2493	9.6439080	9.6907422	52	71.8217	163.0601	9.9531658	10.3092578
9	35.2578	39.2782	9.6441654	9.6910616	51	71.8115	162.9403	9.9531038	10.3089384
10	35.2787	39.3071	9.6444226	9.6913809	50	71.8012	162.8205	9.9530418	10.3086191
11	35.2996	39.3360	9.6446796	9.6917000	49	71.7909	162.7009	9.9529797	10.3083000
12	35.3205	39.3649	9.6449365	9.6920189	48	71.7807	162.5815	9.9529175	10.3079811
13	35.3413	39.3938	9.6451931	9.6923378	47	71.7704	162.4622	9.9528553	10.3076622
14	35.3622	39.4227	9.6454496	9.6926565	46	71.7601	162.3430	9.9527931	10.3073435
15	35.3831	39.4516	9.6457058	9.6929750	45	71.7498	162.2240	9.9527308	10.3070250
16	35.4040	39.4806	9.6459619	9.6932934	44	71.7395	162.1051	9.9526685	10.3067066
17	35.4248	39.5095	9.6462178	9.6936117	43	71.7292	161.9863	9.9526061	10.3063883
18	35.4457	39.5385	9.6464735	9.6939298	42	71.7189	161.8677	9.9525437	10.3060702
19	35.4666	39.5674	9.6467290	9.6942478	41	71.7086	161.7492	9.9524813	10.3057522
20	35.4874	39.5964	9.6469844	9.6945656	40	71.6983	161.6309	9.9524188	10.3054344
21	35.5083	39.6254	9.6472395	9.6948833	39	71.6880	161.5127	9.9523562	10.3051167
22	35.5291	39.6544	9.6474945	9.6952009	38	71.6776	161.3946	9.9522936	10.3047991
23	35.5500	39.6833	9.6477492	9.6955183	37	71.6673	161.2767	9.9522310	10.3044817
24	35.5708	39.7123	9.6480038	9.6958355	36	71.6569	161.1590	9.9521683	10.3041645
25	35.5917	39.7414	9.6482582	9.6961527	35	71.6466	161.0413	9.9521055	10.3038473
26	35.6125	39.7704	9.6485124	9.6964697	34	71.6362	160.9238	9.9520428	10.3035303
27	35.6333	39.7994	9.6487665	9.6967865	33	71.6259	160.8064	9.9519799	10.3032135
28	35.6542	39.8284	9.6490203	9.6971032	32	71.6155	160.6892	9.9519171	10.3028968
29	35.6750	39.8575	9.6492740	9.6974198	31	71.6051	160.5721	9.9518541	10.3025802
30	35.6958	39.8865	9.6495274	9.6977363	30	71.5948	160.4552	9.9517912	10.3022637
31	35.7166	39.9156	9.6497807	9.6980526	29	71.5844	160.3384	9.9517282	10.3019474
32	35.7375	39.9447	9.6500338	9.6983687	28	71.5740	160.2217	9.9516651	10.3016313
33	35.7583	39.9737	9.6502868	9.6986847	27	71.5636	160.1051	9.9516020	10.3013153
34	35.7791	40.0028	9.6505395	9.6990006	26	71.5532	159.9887	9.9515389	10.3009994
35	35.7999	40.0319	9.6507920	9.6993164	25	71.5428	159.8724	9.9514757	10.3006836
36	35.8207	40.0610	9.6510444	9.6996320	24	71.5323	159.7563	9.9514124	10.3003680
37	35.8415	40.0901	9.6512966	9.6999474	23	71.5219	159.6403	9.9513492	10.3000526
38	35.8623	40.1192	9.6515486	9.7002628	22	71.5115	159.5244	9.9512858	10.2997372
39	35.8831	40.1484	9.6518004	9.7005780	21	71.5011	159.4087	9.9512224	10.2994220
40	35.9039	40.1775	9.6520521	9.7008930	20	71.4906	159.2931	9.9511590	10.2991070
41	35.9247	40.2067	9.6523035	9.7012080	19	71.4802	159.1776	9.9510956	10.2987920
42	35.9455	40.2358	9.6525548	9.7015227	18	71.4697	159.0623	9.9510320	10.2984773
43	35.9663	40.2650	9.6528059	9.7018374	17	71.4592	158.9471	9.9509685	10.2981626
44	35.9871	40.2941	9.6530568	9.7021519	16	71.4488	158.8320	9.9509049	10.2978481
45	36.0079	40.3233	9.6533075	9.7024663	15	71.4383	158.7171	9.9508412	10.2975337
46	36.0287	40.3525	9.6535581	9.7027805	14	71.4278	158.6023	9.9507775	10.2972195
47	36.0494	40.3817	9.6538084	9.7030946	13	71.4174	158.4876	9.9507138	10.2969054
48	36.0702	40.4109	9.6540586	9.7034086	12	71.4069	158.3731	9.9506500	10.2965914
49	36.0910	40.4401	9.6543086	9.7037225	11	71.3964	158.2587	9.9505861	10.2962775
50	36.1117	40.4693	9.6545584	9.7040362	10	71.3859	158.1444	9.9505223	10.2959638
51	36.1325	40.4986	9.6548081	9.7043497	9	71.3754	158.0303	9.9504583	10.2956503
52	36.1533	40.5278	9.6550575	9.7046632	8	71.3648	157.9162	9.9503944	10.2953368
53	36.1740	40.5571	9.6553068	9.7049765	7	71.3543	157.8024	9.9503303	10.2950235
54	36.1948	40.5863	9.6555559	9.7052897	6	71.3438	157.6886	9.9502663	10.2947103
55	36.2155	40.6156	9.6558048	9.7056027	5	71.3333	157.5750	9.9502022	10.2943973
56	36.2363	40.6449	9.6560536	9.7059156	4	71.3227	157.4615	9.9501380	10.2940844
57	36.2570	40.6741	9.6563021	9.7062284	3	71.3122	157.3481	9.9500738	10.2937716
58	36.2778	40.7034	9.6565505	9.7065410	2	71.3016	157.2349	9.9500095	10.2934590
59	36.2985	40.7327	9.6567987	9.7068535	1	71.2911	157.1218	9.9499452	10.2931465
60	36.3192	40.7620	9.6570468	9.7071659	0	71.2805	157.0088	9.9498809	10.2928341

27 Grad					62 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	36.3192	40.7620	9.6570468	9.7071659	60	71.2805	157.0088	9.9498809	10.2928341
1	36.3400	40.7914	9.6572946	9.7074781	59	71.2700	156.8960	9.9498165	10.2925219
2	36.3607	40.8207	9.6575423	9.7077902	58	71.2594	156.7833	9.9497521	10.2922098
3	36.3814	40.8500	9.6577898	9.7081022	57	71.2488	156.6707	9.9496876	10.2918978
4	36.4022	40.8794	9.6580371	9.7084141	56	71.2382	156.5582	9.9496230	10.2915859
5	36.4229	40.9087	9.6582842	9.7087258	55	71.2276	156.4459	9.9495585	10.2912742
6	36.4436	40.9381	9.6585312	9.7090374	54	71.2170	156.3337	9.9494938	10.2909626
7	36.4643	40.9674	9.6587780	9.7093488	53	71.2064	156.2216	9.9494292	10.2906512
8	36.4850	40.9968	9.6590246	9.7096601	52	71.1958	156.1097	9.9493645	10.2903399
9	36.5057	41.0262	9.6592710	9.7099713	51	71.1852	155.9979	9.9492997	10.2900287
10	36.5264	41.0556	9.6595173	9.7102824	50	71.1746	155.8862	9.9492349	10.2897176
11	36.5471	41.0850	9.6597634	9.7105933	49	71.1639	155.7746	9.9491700	10.2894067
12	36.5678	41.1144	9.6600093	9.7109041	48	71.1533	155.6632	9.9491051	10.2890959
13	36.5885	41.1438	9.6602550	9.7112148	47	71.1427	155.5518	9.9490402	10.2887852
14	36.6092	41.1733	9.6605005	9.7115254	46	71.1320	155.4407	9.9489752	10.2884746
15	36.6299	41.2027	9.6607459	9.7118358	45	71.1214	155.3296	9.9489101	10.2881642
16	36.6506	41.2322	9.6609911	9.7121461	44	71.1107	155.2187	9.9488450	10.2878539
17	36.6713	41.2616	9.6612361	9.7124562	43	71.1000	155.1078	9.9487799	10.2875438
18	36.6920	41.2911	9.6614810	9.7127662	42	71.0894	154.9972	9.9487147	10.2872338
19	36.7126	41.3206	9.6617257	9.7130761	41	71.0787	154.8866	9.9486495	10.2869239
20	36.7333	41.3500	9.6619701	9.7133859	40	71.0680	154.7762	9.9485842	10.2866141
21	36.7540	41.3795	9.6622145	9.7136956	39	71.0573	154.6658	9.9485189	10.2863044
22	36.7747	41.4090	9.6624588	9.7140051	38	71.0466	154.5557	9.9484535	10.2859949
23	36.7953	41.4385	9.6627026	9.7143145	37	71.0359	154.4456	9.9483881	10.2856855
24	36.8160	41.4681	9.6629464	9.7146237	36	71.0252	154.3356	9.9483227	10.2853763
25	36.8366	41.4976	9.6631900	9.7149329	35	71.0145	154.2258	9.9482572	10.2850671
26	36.8573	41.5271	9.6634335	9.7152419	34	71.0038	154.1161	9.9481916	10.2847581
27	36.8780	41.5567	9.6636768	9.7155508	33	70.9931	154.0066	9.9481260	10.2844492
28	36.8986	41.5862	9.6639199	9.7158595	32	70.9823	153.8971	9.9480604	10.2841405
29	36.9192	41.6158	9.6641628	9.7161682	31	70.9716	153.7878	9.9479947	10.2838318
30	36.9399	41.6454	9.6644056	9.7164767	30	70.9609	153.6786	9.9479289	10.2835233
31	36.9605	41.6749	9.6646482	9.7167851	29	70.9501	153.5695	9.9478631	10.2832149
32	36.9812	41.7045	9.6648906	9.7170933	28	70.9394	153.4605	9.9477973	10.2829067
33	37.0018	41.7341	9.6651329	9.7174014	27	70.9286	153.3517	9.9477314	10.2825986
34	37.0224	41.7637	9.6653749	9.7177094	26	70.9178	153.2430	9.9476655	10.2822906
35	37.0431	41.7934	9.6656168	9.7180173	25	70.9071	153.1344	9.9475995	10.2819827
36	37.0637	41.8230	9.6658586	9.7183251	24	70.8963	153.0259	9.9475335	10.2816749
37	37.0843	41.8526	9.6661001	9.7186327	23	70.8855	152.9175	9.9474674	10.2813673
38	37.1049	41.8823	9.6663415	9.7189402	22	70.8747	152.8093	9.9474013	10.2810598
39	37.1255	41.9119	9.6665828	9.7192476	21	70.8639	152.7012	9.9473352	10.2807524
40	37.1462	41.9416	9.6668238	9.7195549	20	70.8531	152.5932	9.9472689	10.2804451
41	37.1668	41.9713	9.6670647	9.7198620	19	70.8423	152.4853	9.9472027	10.2801380
42	37.1874	42.0009	9.6673054	9.7201690	18	70.8315	152.3775	9.9471364	10.2798310
43	37.2080	42.0306	9.6675459	9.7204759	17	70.8207	152.2699	9.9470700	10.2795241
44	37.2286	42.0603	9.6677863	9.7207827	16	70.8098	152.1624	9.9470036	10.2792173
45	37.2492	42.0900	9.6680265	9.7210893	15	70.7990	152.0550	9.9469372	10.2789107
46	37.2698	42.1198	9.6682665	9.7213958	14	70.7882	151.9477	9.9468707	10.2786042
47	37.2903	42.1495	9.6685064	9.7217022	13	70.7773	151.8405	9.9468042	10.2782978
48	37.3109	42.1792	9.6687461	9.7220085	12	70.7665	151.7335	9.9467376	10.2779915
49	37.3315	42.2090	9.6689856	9.7223147	11	70.7556	151.6266	9.9466710	10.2776853
50	37.3521	42.2387	9.6692250	9.7226207	10	70.7448	151.5198	9.9466043	10.2773793
51	37.3727	42.2685	9.6694642	9.7229266	9	70.7339	151.4131	9.9465376	10.2770734
52	37.3932	42.2982	9.6697032	9.7232324	8	70.7230	151.3065	9.9464708	10.2767676
53	37.4138	42.3280	9.6699420	9.7235381	7	70.7121	151.2000	9.9464040	10.2764619
54	37.4344	42.3578	9.6701807	9.7238436	6	70.7012	151.0937	9.9463371	10.2761564
55	37.4550	42.3876	9.6704192	9.7241490	5	70.6904	150.9875	9.9462702	10.2758510
56	37.4755	42.4174	9.6706576	9.7244543	4	70.6795	150.8814	9.9462032	10.2755457
57	37.4961	42.4472	9.6708958	9.7247595	3	70.6686	150.7754	9.9461362	10.2752405
58	37.5166	42.4771	9.6711338	9.7250646	2	70.6576	150.6695	9.9460692	10.2749354
59	37.5372	42.5069	9.6713716	9.7253695	1	70.6467	150.5638	9.9460021	10.2746305
60	37.5577	42.5368	9.6716093	9.7256744	0	70.6358	150.4581	9.9459349	10.2743256

28 Grad.					61 Grad.				
Minut.	Sinus	Tang.	Log.Sin.	Log.Tang.	Minut.	Sinus	Tangens	Log.Sin.	Log.Tang.
0	37.5577	42.5368	9.6716093	9.7256744	60	70.6358	150.4581	9.9459349	10.2743256
1	37.5783	42.5666	9.6718468	9.7259791	59	70.6249	150.3526	9.9458677	10.2740209
2	37.5988	42.5965	9.6720841	9.7262837	58	70.6139	150.2472	9.9458005	10.2737163
3	37.6194	42.6263	9.6723213	9.7265881	57	70.6030	150.1419	9.9457332	10.2734119
4	37.6399	42.6562	9.6725583	9.7268925	56	70.5921	150.0367	9.9456659	10.2731075
5	37.6604	42.6861	9.6727952	9.7271967	55	70.5811	149.9316	9.9455985	10.2728033
6	37.6810	42.7160	9.6730319	9.7275008	54	70.5702	149.8267	9.9455310	10.2724992
7	37.7015	42.7459	9.6732684	9.7278048	53	70.5592	149.7218	9.9454636	10.2721952
8	37.7220	42.7759	9.6735047	9.7281087	52	70.5482	149.6171	9.9453960	10.2718913
9	37.7425	42.8058	9.6737409	9.7284124	51	70.5372	149.5125	9.9453285	10.2715876
10	37.7630	42.8357	9.6739769	9.7287161	50	70.5263	149.4080	9.9452609	10.2712839
11	37.7836	42.8657	9.6742128	9.7290196	49	70.5153	149.3036	9.9451932	10.2709804
12	37.8041	42.8956	9.6744485	9.7293230	48	70.5043	149.1994	9.9451255	10.2706770
13	37.8246	42.9256	9.6746840	9.7296263	47	70.4933	149.0952	9.9450577	10.2703737
14	37.8451	42.9556	9.6749194	9.7299295	46	70.4823	148.9912	9.9449899	10.2700705
15	37.8656	42.9856	9.6751546	9.7302325	45	70.4713	148.8872	9.9449220	10.2697675
16	37.8861	43.0155	9.6753896	9.7305354	44	70.4602	148.7834	9.9448541	10.2694646
17	37.9066	43.0456	9.6756245	9.7308383	43	70.4492	148.6797	9.9447862	10.2691617
18	37.9271	43.0756	9.6758592	9.7311410	42	70.4382	148.5761	9.9447182	10.2688590
19	37.9475	43.1056	9.6760937	9.7314436	41	70.4272	148.4726	9.9446501	10.2685564
20	37.9680	43.1356	9.6763281	9.7317460	40	70.4161	148.3693	9.9445821	10.2682540
21	37.9885	43.1657	9.6765623	9.7320484	39	70.4051	148.2660	9.9445139	10.2679516
22	38.0090	43.1957	9.6767963	9.7323506	38	70.3940	148.1629	9.9444457	10.2676494
23	38.0295	43.2258	9.6770302	9.7326527	37	70.3830	148.0598	9.9443775	10.2673473
24	38.0499	43.2558	9.6772640	9.7329547	36	70.3719	147.9569	9.9443092	10.2670453
25	38.0704	43.2859	9.6774975	9.7332566	35	70.3608	147.8541	9.9442409	10.2667434
26	38.0909	43.3160	9.6777309	9.7335584	34	70.3497	147.7514	9.9441725	10.2664416
27	38.1113	43.3461	9.6779642	9.7338601	33	70.3387	147.6488	9.9441041	10.2661399
28	38.1318	43.3762	9.6781972	9.7341616	32	70.3276	147.5463	9.9440356	10.2658384
29	38.1522	43.4063	9.6784301	9.7344631	31	70.3165	147.4439	9.9439671	10.2655369
30	38.1727	43.4365	9.6786629	9.7347644	30	70.3054	147.3417	9.9438985	10.2652356
31	38.1932	43.4666	9.6788955	9.7350656	29	70.2943	147.2395	9.9438299	10.2649344
32	38.2136	43.4967	9.6791279	9.7353667	28	70.2832	147.1375	9.9437612	10.2646333
33	38.2340	43.5269	9.6793602	9.7356677	27	70.2720	147.0355	9.9436925	10.2643323
34	38.2545	43.5571	9.6795923	9.7359685	26	70.2609	146.9337	9.9436238	10.2640315
35	38.2749	43.5872	9.6798243	9.7362693	25	70.2498	146.8320	9.9435549	10.2637307
36	38.2954	43.6174	9.6800560	9.7365699	24	70.2386	146.7304	9.9434861	10.2634301
37	38.3158	43.6476	9.6802877	9.7368705	23	70.2275	146.6289	9.9434172	10.2631295
38	38.3362	43.6778	9.6805191	9.7371709	22	70.2163	146.5275	9.9433482	10.2628291
39	38.3566	43.7080	9.6807504	9.7374712	21	70.2052	146.4262	9.9432792	10.2625288
40	38.3770	43.7382	9.6809816	9.7377714	20	70.1940	146.3250	9.9432102	10.2622286
41	38.3975	43.7685	9.6812126	9.7380715	19	70.1829	146.2240	9.9431411	10.2619285
42	38.4179	43.7987	9.6814434	9.7383714	18	70.1717	146.1230	9.9430720	10.2616286
43	38.4383	43.8290	9.6816741	9.7386713	17	70.1605	146.0221	9.9430028	10.2613287
44	38.4587	43.8592	9.6819046	9.7389710	16	70.1493	145.9214	9.9429335	10.2610290
45	38.4791	43.8895	9.6821349	9.7392707	15	70.1381	145.8207	9.9428643	10.2607293
46	38.4995	43.9198	9.6823651	9.7395702	14	70.1269	145.7202	9.9427949	10.2604298
47	38.5199	43.9501	9.6825952	9.7398696	13	70.1157	145.6198	9.9427255	10.2601304
48	38.5403	43.9804	9.6828250	9.7401689	12	70.1045	145.5195	9.9426561	10.2598311
49	38.5607	44.0107	9.6830548	9.7404681	11	70.0933	145.4192	9.9425866	10.2595319
50	38.5811	44.0410	9.6832843	9.7407672	10	70.0821	145.3191	9.9425171	10.2592328
51	38.6015	44.0713	9.6835137	9.7410662	9	70.0709	145.2191	9.9424476	10.2589338
52	38.6218	44.1017	9.6837430	9.7413650	8	70.0596	145.1192	9.9423779	10.2586350
53	38.6422	44.1320	9.6839720	9.7416638	7	70.0484	145.0194	9.9423083	10.2583362
54	38.6626	44.1624	9.6842010	9.7419624	6	70.0372	144.9198	9.9422386	10.2580376
55	38.6830	44.1927	9.6844297	9.7422609	5	70.0259	144.8202	9.9421688	10.2577391
56	38.7033	44.2231	9.6846583	9.7425594	4	70.0147	144.7207	9.9420990	10.2574406
57	38.7237	44.2535	9.6848868	9.7428577	3	70.0034	144.6213	9.9420291	10.2571423
58	38.7441	44.2839	9.6851151	9.7431559	2	69.9921	144.5220	9.9419592	10.2568441
59	38.7644	44.3143	9.6853432	9.7434540	1	69.9809	144.4229	9.9418893	10.2565460
60	38.7848	44.3447	9.6855712	9.7437520	0	69.9696	144.3238	9.9418193	10.2562480

29 Grad.					60 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	38.7848	44.3447	9.6855712	9.7437520	60	69.9696	144.3238	9.9418193	10.2562480
1	38.8051	44.3752	9.6857991	9.7440499	59	69.9583	144.2249	9.9417492	10.2559501
2	38.8255	44.4056	9.6860267	9.7443476	58	69.9470	144.1260	9.9416791	10.2556524
3	38.8458	44.4360	9.6862542	9.7446453	57	69.9357	144.0273	9.9416090	10.2553547
4	38.8662	44.4665	9.6864816	9.7449428	56	69.9244	143.9286	9.9415388	10.2550572
5	38.8865	44.4970	9.6867088	9.7452403	55	69.9131	143.8301	9.9414685	10.2547597
6	38.9068	44.5274	9.6869359	9.7455376	54	69.9018	143.7316	9.9413982	10.2544624
7	38.9272	44.5579	9.6871628	9.7458349	53	69.8905	143.6333	9.9413279	10.2541651
8	38.9475	44.5884	9.6873895	9.7461320	52	69.8791	143.5351	9.9412575	10.2538680
9	38.9678	44.6189	9.6876161	9.7464290	51	69.8678	143.4369	9.9411871	10.2535710
10	38.9881	44.6494	9.6878425	9.7467259	50	69.8565	143.3389	9.9411166	10.2532741
11	39.0085	44.6800	9.6880688	9.7470227	49	69.8451	143.2410	9.9410461	10.2529773
12	39.0288	44.7105	9.6882949	9.7473194	48	69.8338	143.1431	9.9409755	10.2526806
13	39.0491	44.7410	9.6885209	9.7476160	47	69.8224	143.0454	9.9409048	10.2523840
14	39.0694	44.7716	9.6887467	9.7479125	46	69.8110	142.9478	9.9408342	10.2520875
15	39.0897	44.8022	9.6889723	9.7482089	45	69.7997	142.8503	9.9407634	10.2517911
16	39.1100	44.8327	9.6891978	9.7485052	44	69.7883	142.7529	9.9406927	10.2514948
17	39.1303	44.8633	9.6894232	9.7488013	43	69.7769	142.6555	9.9406219	10.2511987
18	39.1506	44.8939	9.6896484	9.7490974	42	69.7655	142.5583	9.9405510	10.2509026
19	39.1709	44.9245	9.6898734	9.7493934	41	69.7542	142.4612	9.9404801	10.2506066
20	39.1912	44.9551	9.6900983	9.7496892	40	69.7428	142.3642	9.9404091	10.2503108
21	39.2115	44.9858	9.6903231	9.7499850	39	69.7314	142.2673	9.9403381	10.2500150
22	39.2317	45.0164	9.6905476	9.7502806	38	69.7199	142.1705	9.9402670	10.2497194
23	39.2520	45.0470	9.6907721	9.7505762	37	69.7085	142.0737	9.9401959	10.2494238
24	39.2723	45.0777	9.6909964	9.7508716	36	69.6971	141.9771	9.9401248	10.2491284
25	39.2926	45.1083	9.6912205	9.7511669	35	69.6857	141.8806	9.9400535	10.2488331
26	39.3128	45.1390	9.6914445	9.7514622	34	69.6742	141.7842	9.9399823	10.2485378
27	39.3331	45.1697	9.6916683	9.7517573	33	69.6628	141.6879	9.9399110	10.2482427
28	39.3534	45.2004	9.6918919	9.7520523	32	69.6514	141.5917	9.9398396	10.2479477
29	39.3736	45.2311	9.6921155	9.7523472	31	69.6399	141.4955	9.9397682	10.2476528
30	39.3939	45.2618	9.6923388	9.7526420	30	69.6285	141.3995	9.9396968	10.2473580
31	39.4141	45.2925	9.6925620	9.7529368	29	69.6170	141.3036	9.9396253	10.2470632
32	39.4344	45.3233	9.6927851	9.7532314	28	69.6055	141.2078	9.9395537	10.2467686
33	39.4546	45.3540	9.6930080	9.7535259	27	69.5940	141.1121	9.9394821	10.2464741
34	39.4749	45.3848	9.6932308	9.7538203	26	69.5826	141.0164	9.9394105	10.2461797
35	39.4951	45.4156	9.6934534	9.7541146	25	69.5711	140.9209	9.9393388	10.2458854
36	39.5154	45.4463	9.6936758	9.7544088	24	69.5596	140.8255	9.9392671	10.2455912
37	39.5356	45.4771	9.6938981	9.7547029	23	69.5481	140.7301	9.9391953	10.2452971
38	39.5558	45.5079	9.6941203	9.7549969	22	69.5366	140.6349	9.9391234	10.2450031
39	39.5760	45.5337	9.6943423	9.7552908	21	69.5251	140.5398	9.9390515	10.2447092
40	39.5963	45.5695	9.6945642	9.7555846	20	69.5136	140.4447	9.9389796	10.2444154
41	39.6165	45.6004	9.6947859	9.7558783	19	69.5020	140.3498	9.9389076	10.2441217
42	39.6367	45.6312	9.6950074	9.7561718	18	69.4905	140.2549	9.9388356	10.2438282
43	39.6569	45.6620	9.6952288	9.7564653	17	69.4790	140.1602	9.9387635	10.2435347
44	39.6771	45.6929	9.6954501	9.7567587	16	69.4674	140.0655	9.9386914	10.2432413
45	39.6973	45.7238	9.6956712	9.7570520	15	69.4559	139.9710	9.9386192	10.2429480
46	39.7175	45.7546	9.6958922	9.7573452	14	69.4444	139.8765	9.9385470	10.2426548
47	39.7377	45.7855	9.6961130	9.7576383	13	69.4328	139.7821	9.9384747	10.2423617
48	39.7579	45.8164	9.6963336	9.7579313	12	69.4212	139.6879	9.9384024	10.2420687
49	39.7781	45.8473	9.6965541	9.7582242	11	69.4097	139.5937	9.9383300	10.2417758
50	39.7983	45.8783	9.6967745	9.7585170	10	69.3981	139.4996	9.9382576	10.2414830
51	39.8185	45.9092	9.6969947	9.7588096	9	69.3865	139.4056	9.9381851	10.2411904
52	39.8387	45.9401	9.6972148	9.7591022	8	69.3749	139.3118	9.9381126	10.2408978
53	39.8588	45.9711	9.6974347	9.7593947	7	69.3633	139.2180	9.9380400	10.2406053
54	39.8790	46.0020	9.6976545	9.7596871	6	69.3517	139.1243	9.9379674	10.2403129
55	39.8992	46.0330	9.6978741	9.7599794	5	69.3401	139.0307	9.9378947	10.2400206
56	39.9194	46.0640	9.6980936	9.7602716	4	69.3285	138.9372	9.9378220	10.2397284
57	39.9395	46.0950	9.6983129	9.7605637	3	69.3169	138.8437	9.9377492	10.2394363
58	39.9597	46.1260	9.6985321	9.7608557	2	69.3053	138.7504	9.9376764	10.2391443
59	39.9798	46.1570	9.6987511	9.7611476	1	69.2937	138.6572	9.9376035	10.2388524
60	40.0000	46.1880	9.6989700	9.7614394	0	69.2820	138.5641	9.9375306	10.2385606

30 Grad.					59 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	40.0000	46.1880	9.6989700	9.7614394	60	69.2820	138.5641	9.9375306	10.2385606
1	40.0202	46.2191	9.6991887	9.7617311	59	69.2704	138.4710	9.9374577	10.2382689
2	40.0403	46.2501	9.6994073	9.7620227	58	69.2588	138.3781	9.9373847	10.2379773
3	40.0604	46.2812	9.6996258	9.7623142	57	69.2471	138.2852	9.9373116	10.2376858
4	40.0806	46.3122	9.6998441	9.7626056	56	69.2354	138.1925	9.9372385	10.2373944
5	40.1007	46.3433	9.7000622	9.7628969	55	69.2238	138.0998	9.9371653	10.2371031
6	40.1209	46.3744	9.7002802	9.7631881	54	69.2121	138.0072	9.9370921	10.2368119
7	40.1410	46.4055	9.7004981	9.7634792	53	69.2004	137.9148	9.9370189	10.2365208
8	40.1611	46.4366	9.7007158	9.7637702	52	69.1888	137.8224	9.9369456	10.2362298
9	40.1812	46.4677	9.7009334	9.7640612	51	69.1771	137.7301	9.9368722	10.2359388
10	40.2014	46.4988	9.7011508	9.7643520	50	69.1654	137.6379	9.9367988	10.2356480
11	40.2215	46.5300	9.7013681	9.7646427	49	69.1537	137.5458	9.9367254	10.2353573
12	40.2416	46.5611	9.7015852	9.7649334	48	69.1420	137.4538	9.9366519	10.2350666
13	40.2617	46.5923	9.7018022	9.7652239	47	69.1303	137.3618	9.9365783	10.2347761
14	40.2818	46.6234	9.7020190	9.7655143	46	69.1186	137.2700	9.9365047	10.2344857
15	40.3019	46.6546	9.7022357	9.7658047	45	69.1068	137.1783	9.9364311	10.2341953
16	40.3220	46.6858	9.7024523	9.7660949	44	69.0951	137.0866	9.9363574	10.2339051
17	40.3421	46.7170	9.7026687	9.7663851	43	69.0834	136.9951	9.9362836	10.2336149
18	40.3622	46.7482	9.7028849	9.7666751	42	69.0716	136.9036	9.9362098	10.2333249
19	40.3823	46.7794	9.7031011	9.7669651	41	69.0599	136.8122	9.9361360	10.2330349
20	40.4024	46.8107	9.7033170	9.7672550	40	69.0482	136.7209	9.9360621	10.2327450
21	40.4225	46.8419	9.7035329	9.7675448	39	69.0364	136.6297	9.9359881	10.2324552
22	40.4426	46.8732	9.7037486	9.7678344	38	69.0246	136.5386	9.9359141	10.2321656
23	40.4626	46.9044	9.7039641	9.7681240	37	69.0129	136.4476	9.9358401	10.2318760
24	40.4827	46.9357	9.7041795	9.7684135	36	69.0011	136.3567	9.9357660	10.2315865
25	40.5028	46.9670	9.7043947	9.7687029	35	68.9893	136.2659	9.9356918	10.2312911
26	40.5228	46.9983	9.7046099	9.7689922	34	68.9775	136.1751	9.9356177	10.2310078
27	40.5429	47.0296	9.7048248	9.7692814	33	68.9657	136.0845	9.9355434	10.2307186
28	40.5630	47.0609	9.7050397	9.7695705	32	68.9539	135.9939	9.9354691	10.2304295
29	40.5830	47.0923	9.7052543	9.7698596	31	68.9421	135.9034	9.9353948	10.2301404
30	40.6031	47.1236	9.7054689	9.7701485	30	68.9303	135.8130	9.9353204	10.2298515
31	40.6231	47.1550	9.7056833	9.7704373	29	68.9185	135.7228	9.9352459	10.2295627
32	40.6432	47.1863	9.7058975	9.7707261	28	68.9067	135.6326	9.9351715	10.2292739
33	40.6632	47.2177	9.7061116	9.7710147	27	68.8949	135.5424	9.9350969	10.2289853
34	40.6832	47.2491	9.7063256	9.7713033	26	68.8830	135.4524	9.9350223	10.2286967
35	40.7033	47.2805	9.7065394	9.7715917	25	68.8712	135.3625	9.9349477	10.2284083
36	40.7233	47.3119	9.7067531	9.7718801	24	68.8594	135.2726	9.9348730	10.2281199
37	40.7433	47.3433	9.7069667	9.7721684	23	68.8475	135.1828	9.9347983	10.2278316
38	40.7634	47.3747	9.7071801	9.7724566	22	68.8357	135.0932	9.9347235	10.2275434
39	40.7834	47.4061	9.7073933	9.7727447	21	68.8238	135.0036	9.9346486	10.2272553
40	40.8034	47.4376	9.7076064	9.7730327	20	68.8119	134.9141	9.9345738	10.2269673
41	40.8234	47.4691	9.7078194	9.7733206	19	68.8001	134.8247	9.9344988	10.2266794
42	40.8434	47.5005	9.7080323	9.7736084	18	68.7882	134.7354	9.9344238	10.2263916
43	40.8634	47.5320	9.7082450	9.7738961	17	68.7763	134.6461	9.9343488	10.2261039
44	40.8834	47.5635	9.7084575	9.7741838	16	68.7644	134.5570	9.9342737	10.2258162
45	40.9034	47.5950	9.7086699	9.7744713	15	68.7525	134.4679	9.9341986	10.2255287
46	40.9234	47.6265	9.7088822	9.7747588	14	68.7406	134.3789	9.9341234	10.2252412
47	40.9434	47.6580	9.7090943	9.7750462	13	68.7287	134.2900	9.9340482	10.2249538
48	40.9634	47.6896	9.7093063	9.7753334	12	68.7168	134.2012	9.9339729	10.2246666
49	40.9834	47.7211	9.7095182	9.7756206	11	68.7049	134.1125	9.9338976	10.2243794
50	41.0034	47.7527	9.7097299	9.7759077	10	68.6929	134.0239	9.9338222	10.2240923
51	41.0234	47.7842	9.7099415	9.7761947	9	68.6810	133.9354	9.9337467	10.2238053
52	41.0434	47.8158	9.7101529	9.7764816	8	68.6691	133.8469	9.9336713	10.2235184
53	41.0633	47.8474	9.7103642	9.7767685	7	68.6571	133.7585	9.9335957	10.2232315
54	41.0833	47.8790	9.7105753	9.7770552	6	68.6452	133.6703	9.9335201	10.2229448
55	41.1033	47.9106	9.7107863	9.7773418	5	68.6332	133.5821	9.9334445	10.2226582
56	41.1232	47.9422	9.7109972	9.7776284	4	68.6213	133.4940	9.9333688	10.2223716
57	41.1432	47.9739	9.7112080	9.7779149	3	68.6093	133.4059	9.9332931	10.2220851
58	41.1631	48.0055	9.7114186	9.7782012	2	68.5973	133.3180	9.9332173	10.2217988
59	41.1831	48.0372	9.7116290	9.7784875	1	68.5854	133.2301	9.9331415	10.2215125
60	41.2030	48.0688	9.7118393	9.7787737	0	68.5734	133.1424	9.9330656	10.2212263

31 Grad.					58 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	41. 2030	48. 0688	9. 7118393	9. 7787737	60	68. 5734	133. 1424	9. 9330656	10. 2212263
1	41. 2230	48. 1005	9. 7120495	9. 7790599	59	68. 5614	133. 0547	9. 9329897	10. 2209401
2	41. 2429	48. 1322	9. 7122596	9. 7793459	58	68. 5494	132. 9671	9. 9329137	10. 2206541
3	41. 2629	48. 1639	9. 7124695	9. 7796318	57	68. 5374	132. 8796	9. 9328376	10. 2203682
4	41. 2828	48. 1956	9. 7126792	9. 7799177	56	68. 5254	132. 7921	9. 9327616	10. 2200823
5	41. 3027	48. 2274	9. 7128889	9. 7802034	55	68. 5134	132. 7048	9. 9326854	10. 2197966
6	41. 3227	48. 2591	9. 7130983	9. 7804891	54	68. 5014	132. 6175	9. 9326092	10. 2195109
7	41. 3426	48. 2908	9. 7133077	9. 7807747	53	68. 4893	132. 5303	9. 9325330	10. 2192253
8	41. 3625	48. 3226	9. 7135169	9. 7810602	52	68. 4773	132. 4432	9. 9324567	10. 2189398
9	41. 3824	48. 3544	9. 7137260	9. 7813456	51	68. 4653	132. 3562	9. 9323804	10. 2186544
10	41. 4023	48. 3861	9. 7139349	9. 7816309	50	68. 4532	132. 2693	9. 9323040	10. 2183691
11	41. 4233	48. 4179	9. 7141437	9. 7819162	49	68. 4412	132. 1825	9. 9322276	10. 2180838
12	41. 4422	48. 4497	9. 7143524	9. 7822013	48	68. 4291	132. 0957	9. 9321511	10. 2177987
13	41. 4621	48. 4815	9. 7145609	9. 7824864	47	68. 4171	132. 0090	9. 9320746	10. 2175136
14	41. 4820	48. 5134	9. 7147693	9. 7827713	46	68. 4050	131. 9224	9. 9319980	10. 2172287
15	41. 5019	48. 5452	9. 7149776	9. 7830562	45	68. 3930	131. 8359	9. 9319213	10. 2169438
16	41. 5218	48. 5770	9. 7151857	9. 7833410	44	68. 3809	131. 7495	9. 9318447	10. 2166590
17	41. 5416	48. 6089	9. 7153937	9. 7836258	43	68. 3688	131. 6631	9. 9317679	10. 2163742
18	41. 5615	48. 6408	9. 7156015	9. 7839104	42	68. 3567	131. 5769	9. 9316911	10. 2160896
19	41. 5814	48. 6726	9. 7158092	9. 7841949	41	68. 3446	131. 4907	9. 9316143	10. 2158051
20	41. 6013	48. 7045	9. 7160168	9. 7844794	40	68. 3325	131. 4046	9. 9315374	10. 2155206
21	41. 6212	48. 7364	9. 7162243	9. 7847638	39	68. 3204	131. 3186	9. 9314605	10. 2152362
22	41. 6410	48. 7683	9. 7164316	9. 7850481	38	68. 3083	131. 2327	9. 9313835	10. 2149519
23	41. 6609	48. 8003	9. 7166387	9. 7853323	37	68. 2962	131. 1468	9. 9313065	10. 2146677
24	41. 6808	48. 8322	9. 7168458	9. 7856164	36	68. 2841	131. 0610	9. 9312294	10. 2143836
25	41. 7006	48. 8642	9. 7170526	9. 7859004	35	68. 2719	130. 9754	9. 9311522	10. 2140996
26	41. 7205	48. 8961	9. 7172594	9. 7861844	34	68. 2598	130. 8897	9. 9310750	10. 2138156
27	41. 7403	48. 9281	9. 7174660	9. 7864682	33	68. 2477	130. 8042	9. 9309978	10. 2135318
28	41. 7602	48. 9601	9. 7176725	9. 7867520	32	68. 2355	130. 7188	9. 9309205	10. 2132480
29	41. 7800	48. 9921	9. 7178789	9. 7870357	31	68. 2234	130. 6334	9. 9308432	10. 2129643
30	41. 7999	49. 0241	9. 7180851	9. 7873193	30	68. 2112	130. 5481	9. 9307658	10. 2126807
31	41. 8197	49. 0561	9. 7182912	9. 7876028	29	68. 1990	130. 4629	9. 9306883	10. 2123972
32	41. 8396	49. 0881	9. 7184971	9. 7878863	28	68. 1869	130. 3778	9. 9306109	10. 2121137
33	41. 8594	49. 1201	9. 7187030	9. 7881696	27	68. 1747	130. 2928	9. 9305333	10. 2118304
34	41. 8792	49. 1522	9. 7189086	9. 7884529	26	68. 1625	130. 2078	9. 9304557	10. 2115471
35	41. 8990	49. 1843	9. 7191142	9. 7887361	25	68. 1503	130. 1229	9. 9303781	10. 2112639
36	41. 9189	49. 2163	9. 7193196	9. 7890192	24	68. 1382	130. 0381	9. 9303004	10. 2109808
37	41. 9387	49. 2484	9. 7195249	9. 7893023	23	68. 1260	129. 9534	9. 9302226	10. 2106977
38	41. 9585	49. 2805	9. 7197300	9. 7895852	22	68. 1138	129. 8688	9. 9301448	10. 2104148
39	41. 9783	49. 3126	9. 7199350	9. 7898681	21	68. 1015	129. 7842	9. 9300670	10. 2101319
40	41. 9981	49. 3447	9. 7201399	9. 7901508	20	68. 0893	129. 6998	9. 9299891	10. 2098492
41	42. 0179	49. 3767	9. 7203447	9. 7904335	19	68. 0771	129. 6154	9. 9299112	10. 2095665
42	42. 0377	49. 4090	9. 7205493	9. 7907161	18	68. 0649	129. 5310	9. 9298332	10. 2092839
43	42. 0575	49. 4412	9. 7207538	9. 7909987	17	68. 0527	129. 4468	9. 9297551	10. 2090013
44	42. 0773	49. 4733	9. 7209581	9. 7912811	16	68. 0404	129. 3626	9. 9296770	10. 2087189
45	42. 0971	49. 5055	9. 7211623	9. 7915635	15	68. 0282	129. 2786	9. 9295989	10. 2084365
46	42. 1169	49. 5377	9. 7213664	9. 7918458	14	68. 0159	129. 1946	9. 9295207	10. 2081542
47	42. 1367	49. 5699	9. 7215704	9. 7921280	13	68. 0037	129. 1106	9. 9294424	10. 2078720
48	42. 1565	49. 6021	9. 7217742	9. 7924101	12	67. 9914	129. 0268	9. 9293641	10. 2075899
49	42. 1762	49. 6343	9. 7219779	9. 7926921	11	67. 9792	128. 9430	9. 9292857	10. 2073079
50	42. 1960	49. 6666	9. 7221814	9. 7929741	10	67. 9669	128. 8593	9. 9292073	10. 2070259
51	42. 2158	49. 6988	9. 7223848	9. 7932560	9	67. 9546	128. 7757	9. 9291289	10. 2067440
52	42. 2355	49. 7311	9. 7225881	9. 7935378	8	67. 9423	128. 6922	9. 9290504	10. 2064622
53	42. 2553	49. 7633	9. 7227913	9. 7938195	7	67. 9300	128. 6088	9. 9289718	10. 2061805
54	42. 2751	49. 7956	9. 7229943	9. 7941011	6	67. 9177	128. 5254	9. 9288932	10. 2058989
55	42. 2948	49. 8279	9. 7231972	9. 7943827	5	67. 9054	128. 4421	9. 9288145	10. 2056173
56	42. 3146	49. 8602	9. 7234000	9. 7946641	4	67. 8931	128. 3589	9. 9287358	10. 2053359
57	42. 3343	49. 8925	9. 7236026	9. 7949455	3	67. 8808	128. 2757	9. 9286571	10. 2050545
58	42. 3541	49. 9249	9. 7238051	9. 7952268	2	67. 8685	128. 1927	9. 9285783	10. 2047732
59	42. 3738	49. 9572	9. 7240075	9. 7955081	1	67. 8562	128. 1097	9. 9284994	10. 2044919
60	42. 3935	49. 9896	9. 7242097	9. 7957892	0	67. 8438	128. 0268	9. 9284205	10. 2042108

32 Grad					57 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	42. 3935	49. 9896	9. 7242097	9. 7957892	60	67. 8438	128. 0268	9. 9284205	10. 2042108
1	42. 4133	50. 0219	9. 7244118	9. 7960703	59	67. 8315	127. 9439	9. 9283415	10. 2039297
2	42. 4330	50. 0543	9. 7246138	9. 7961513	58	67. 8192	127. 8612	9. 9282625	10. 2036487
3	42. 4527	50. 0867	9. 7248156	9. 7966322	57	67. 8068	127. 7785	9. 9281834	10. 2033678
4	42. 4724	50. 1191	9. 7250174	9. 7969130	56	67. 7945	127. 6959	9. 9281043	10. 2030870
5	42. 4922	50. 1515	9. 7252189	9. 7971938	55	67. 7821	127. 6134	9. 9280251	10. 2028062
6	42. 5119	50. 1839	9. 7254204	9. 7974745	54	67. 7698	127. 5309	9. 9279459	10. 2025255
7	42. 5316	50. 2163	9. 7256217	9. 7977551	53	67. 7574	127. 4486	9. 9278666	10. 2022449
8	42. 5513	50. 2488	9. 7258229	9. 7980356	52	67. 7450	127. 3663	9. 9277873	10. 2019644
9	42. 5710	50. 2812	9. 7260240	9. 7983160	51	67. 7326	127. 2840	9. 9277079	10. 2016840
10	42. 5907	50. 3137	9. 7262249	9. 7985964	50	67. 7202	127. 2019	9. 9276285	10. 2014036
11	42. 6104	50. 3462	9. 7264257	9. 7988767	49	67. 7078	127. 1198	9. 9275490	10. 2011233
12	42. 6301	50. 3787	9. 7266264	9. 7991569	48	67. 6955	127. 0378	9. 9274695	10. 2008431
13	42. 6498	50. 4112	9. 7268269	9. 7994370	47	67. 6830	126. 9559	9. 9273899	10. 2005630
14	42. 6695	50. 4437	9. 7270273	9. 7997170	46	67. 6706	126. 8741	9. 9273103	10. 2002830
15	42. 6892	50. 4762	9. 7272276	9. 7999970	45	67. 6582	126. 7923	9. 9272306	10. 2000030
16	42. 7088	50. 5088	9. 7274278	9. 8002769	44	67. 6458	126. 7106	9. 9271509	10. 1997231
17	42. 7285	50. 5413	9. 7276278	9. 8005567	43	67. 6334	126. 6290	9. 9270711	10. 1994433
18	42. 7482	50. 5739	9. 7278277	9. 8008365	42	67. 6209	126. 5475	9. 9269913	10. 1991635
19	42. 7679	50. 6065	9. 7280275	9. 8011161	41	67. 6085	126. 4660	9. 9269114	10. 1988839
20	42. 7875	50. 6391	9. 7282271	9. 8013957	40	67. 5961	126. 3846	9. 9268314	10. 1986043
21	42. 8072	50. 6717	9. 7284267	9. 8016752	39	67. 5836	126. 3033	9. 9267514	10. 1983248
22	42. 8268	50. 7043	9. 7286260	9. 8019546	38	67. 5712	126. 2221	9. 9266714	10. 1980454
23	42. 8465	50. 7369	9. 7288253	9. 8022340	37	67. 5587	126. 1409	9. 9265913	10. 1977660
24	42. 8661	50. 7695	9. 7290244	9. 8025133	36	67. 5462	126. 0598	9. 9265112	10. 1974867
25	42. 8858	50. 8022	9. 7292234	9. 8027925	35	67. 5338	125. 9788	9. 9264310	10. 1972075
26	42. 9054	50. 8349	9. 7294223	9. 8030716	34	67. 5213	125. 8979	9. 9263507	10. 1969284
27	42. 9251	50. 8675	9. 7296211	9. 8033506	33	67. 5088	125. 8170	9. 9262704	10. 1966494
28	42. 9447	50. 9002	9. 7298197	9. 8036296	32	67. 4963	125. 7362	9. 9261901	10. 1963704
29	42. 9643	50. 9329	9. 7300182	9. 8039085	31	67. 4838	125. 6555	9. 9261096	10. 1960915
30	42. 9840	50. 9656	9. 7302165	9. 8041873	30	67. 4713	125. 5748	9. 9260292	10. 1958127
31	43. 0036	50. 9983	9. 7304148	9. 8044661	29	67. 4588	125. 4943	9. 9259487	10. 1955339
32	43. 0232	51. 0311	9. 7306129	9. 8047447	28	67. 4463	125. 4138	9. 9258681	10. 1952553
33	43. 0428	51. 0638	9. 7308109	9. 8049233	27	67. 4338	125. 3334	9. 9257875	10. 1949767
34	43. 0624	51. 0966	9. 7310087	9. 8053019	26	67. 4213	125. 2530	9. 9257069	10. 1946981
35	43. 0821	51. 1294	9. 7312064	9. 8055803	25	67. 4087	125. 1727	9. 9256261	10. 1944197
36	43. 1017	51. 1621	9. 7314040	9. 8058587	24	67. 3962	125. 0925	9. 9255454	10. 1941413
37	43. 1213	51. 1949	9. 7316015	9. 8061370	23	67. 3836	125. 0124	9. 9254646	10. 1938630
38	43. 1409	51. 2277	9. 7317989	9. 8064152	22	67. 3711	124. 9323	9. 9253837	10. 1935848
39	43. 1605	51. 2606	9. 7319961	9. 8066933	21	67. 3586	124. 8523	9. 9253028	10. 1933067
40	43. 1801	51. 2934	9. 7321932	9. 8069714	20	67. 3460	124. 7724	9. 9252218	10. 1930286
41	43. 1996	51. 3262	9. 7323902	9. 8072494	19	67. 3334	124. 6926	9. 9251408	10. 1927506
42	43. 2192	51. 3591	9. 7325870	9. 8075273	18	67. 3209	124. 6128	9. 9250597	10. 1924727
43	43. 2388	51. 3920	9. 7327837	9. 8078052	17	67. 3083	124. 5331	9. 9249786	10. 1921948
44	43. 2584	51. 4248	9. 7329803	9. 8080829	16	67. 2957	124. 4535	9. 9248974	10. 1919171
45	43. 2780	51. 4577	9. 7331768	9. 8083606	15	67. 2831	124. 3739	9. 9248161	10. 1916394
46	43. 2975	51. 4906	9. 7333731	9. 8086383	14	67. 2705	124. 2944	9. 9247349	10. 1913617
47	43. 3171	51. 5236	9. 7335693	9. 8089158	13	67. 2579	124. 2150	9. 9246535	10. 1910842
48	43. 3367	51. 5565	9. 7337654	9. 8091933	12	67. 2453	124. 1357	9. 9245721	10. 1908067
49	43. 3562	51. 5894	9. 7339614	9. 8094707	11	67. 2327	124. 0564	9. 9244907	10. 1905293
50	43. 3758	51. 6224	9. 7341572	9. 8097480	10	67. 2201	123. 9772	9. 9244092	10. 1902520
51	43. 3953	51. 6553	9. 7343529	9. 8099253	9	67. 2075	123. 8981	9. 9243277	10. 1899747
52	43. 4149	51. 6883	9. 7345485	9. 8103025	8	67. 1949	123. 8191	9. 9242461	10. 1896975
53	43. 4344	51. 7213	9. 7347440	9. 8105796	7	67. 1822	123. 7401	9. 9241644	10. 1894204
54	43. 4540	51. 7543	9. 7349393	9. 8108566	6	67. 1696	123. 6612	9. 9240827	10. 1891434
55	43. 4735	51. 7873	9. 7351345	9. 8111336	5	67. 1569	123. 5823	9. 9240010	10. 1888664
56	43. 4930	51. 8204	9. 7353296	9. 8114105	4	67. 1443	123. 5036	9. 9239191	10. 1885895
57	43. 5126	51. 8534	9. 7355246	9. 8116873	3	67. 1316	123. 4249	9. 9238373	10. 1883127
58	43. 5321	51. 8865	9. 7357195	9. 8119641	2	67. 1190	123. 3462	9. 9237554	10. 1880359
59	43. 5516	51. 9195	9. 7359142	9. 8122408	1	67. 1063	123. 2677	9. 9236734	10. 1877592
60	43. 5711	51. 9526	9. 7361088	9. 8125174	0	67. 0936	123. 1892	9. 9235914	10. 1874826

33 Grad					56 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	43.5711	51.9526	9.7361088	9.8125174	60	67.0936	123.1892	9.9235914	10.1874826
1	43.5906	51.9857	9.7363032	9.8127939	59	67.0810	123.1108	9.9235093	10.1872061
2	43.6102	52.0188	9.7364976	9.8130704	58	67.0683	123.0324	9.9234272	10.1869296
3	43.6297	52.0519	9.7366918	9.8133468	57	67.0556	122.9542	9.9233450	10.1866532
4	43.6492	52.0850	9.7368859	9.8136231	56	67.0429	122.8760	9.9232628	10.1863769
5	43.6687	52.1182	9.7370799	9.8138993	55	67.0302	122.7978	9.9231805	10.1861007
6	43.6876	52.1513	9.7372737	9.8141755	54	67.0175	122.7198	9.9230982	10.1858245
7	43.7082	52.1845	9.7374675	9.8144516	53	67.0048	122.6418	9.9230158	10.1855484
8	43.7271	52.2177	9.7376611	9.8147277	52	66.9921	122.5638	9.9229334	10.1852723
9	43.7466	52.2509	9.7378546	9.8150036	51	66.9793	122.4860	9.9228509	10.1849964
10	43.7661	52.2841	9.7380479	9.8152795	50	66.9666	122.4082	9.9227684	10.1847205
11	43.7856	52.3173	9.7382412	9.8155554	49	66.9539	122.3305	9.9226858	10.1844446
12	43.8051	52.3505	9.7384343	9.8158311	48	66.9411	122.2528	9.9226032	10.1841689
13	43.8245	52.3838	9.7386273	9.8161068	47	66.9284	122.1752	9.9225205	10.1838932
14	43.8440	52.4170	9.7388201	9.8163824	46	66.9156	122.0977	9.9224377	10.1836176
15	43.8635	52.4503	9.7390129	9.8166580	45	66.9029	122.0203	9.9223549	10.1833420
16	43.8829	52.4836	9.7392055	9.8169335	44	66.8901	121.9429	9.9222721	10.1830665
17	43.9024	52.5169	9.7393980	9.8172089	43	66.8774	121.8656	9.9221891	10.1827911
18	43.9218	52.5502	9.7395904	9.8174842	42	66.8646	121.7884	9.9221062	10.1825158
19	43.9413	52.5835	9.7397827	9.8177595	41	66.8518	121.7112	9.9220232	10.1822405
20	43.9602	52.6168	9.7399748	9.8180347	40	66.8390	121.6341	9.9219401	10.1819653
21	43.9800	52.6502	9.7401668	9.8183098	39	66.8262	121.5571	9.9218570	10.1816902
22	43.9996	52.6835	9.7403587	9.8185849	38	66.8134	121.4801	9.9217738	10.1814151
23	44.0190	52.7169	9.7405505	9.8188599	37	66.8006	121.4032	9.9216906	10.1811401
24	44.0385	52.7503	9.7407421	9.8191348	36	66.7878	121.3264	9.9216073	10.1808652
25	44.0579	52.7837	9.7409337	9.8194096	35	66.7750	121.2496	9.9215240	10.1805904
26	44.0773	52.8171	9.7411251	9.8196844	34	66.7622	121.1729	9.9214406	10.1803156
27	44.0967	52.8505	9.7413164	9.8199592	33	66.7494	121.0963	9.9213572	10.1800408
28	44.1161	52.8839	9.7415075	9.8202338	32	66.7365	121.0197	9.9212737	10.1797662
29	44.1356	52.9174	9.7416986	9.8205084	31	66.7237	120.9432	9.9211902	10.1794916
30	44.1550	52.9508	9.7418895	9.8207829	30	66.7109	120.8668	9.9211066	10.1792171
31	44.1744	52.9843	9.7420803	9.8210574	29	66.6980	120.7905	9.9210229	10.1789426
32	44.1938	53.0178	9.7422710	9.8213317	28	66.6852	120.7142	9.9209393	10.1786683
33	44.2132	53.0513	9.7424616	9.8216060	27	66.6723	120.6379	9.9208555	10.1783940
34	44.2326	53.0848	9.7426520	9.8218803	26	66.6594	120.5618	9.9207717	10.1781197
35	44.2519	53.1183	9.7428423	9.8221545	25	66.6466	120.4857	9.9206878	10.1778455
36	44.2713	53.1519	9.7430325	9.8224286	24	66.6337	120.4097	9.9206039	10.1775714
37	44.2907	53.1854	9.7432226	9.8227026	23	66.6208	120.3337	9.9205200	10.1772974
38	44.3101	53.2190	9.7434126	9.8229766	22	66.6079	120.2578	9.9204360	10.1770234
39	44.3295	53.2526	9.7436024	9.8232505	21	66.5950	120.1820	9.9203519	10.1767495
40	44.3488	53.2862	9.7437921	9.8235244	20	66.5821	120.1063	9.9202678	10.1764756
41	44.3682	53.3198	9.7439817	9.8237981	19	66.5692	120.0306	9.9201836	10.1762019
42	44.3876	53.3534	9.7441712	9.8240719	18	66.5563	119.9549	9.9200994	10.1759281
43	44.4069	53.3870	9.7443606	9.8243455	17	66.5434	119.8794	9.9200151	10.1756545
44	44.4263	53.4206	9.7445498	9.8246191	16	66.5305	119.8039	9.9199308	10.1753809
45	44.4456	53.4543	9.7447390	9.8248926	15	66.5176	119.7285	9.9198464	10.1751074
46	44.4650	53.4880	9.7449280	9.8251660	14	66.5046	119.6531	9.9197619	10.1748340
47	44.4843	53.5216	9.7451169	9.8254394	13	66.4917	119.5778	9.9196775	10.1745606
48	44.5036	53.5553	9.7453056	9.8257127	12	66.4788	119.5026	9.9195929	10.1742873
49	44.5230	53.5890	9.7454943	9.8259860	11	66.4658	119.4274	9.9195083	10.1740140
50	44.5423	53.6228	9.7456828	9.8262592	10	66.4529	119.3523	9.9194237	10.1737408
51	44.5616	53.6565	9.7458712	9.8265323	9	66.4399	119.2773	9.9193390	10.1734677
52	44.5810	53.6902	9.7460595	9.8268053	8	66.4269	119.2023	9.9192542	10.1731947
53	44.6003	53.7240	9.7462477	9.8270783	7	66.4140	119.1274	9.9191694	10.1729217
54	44.6196	53.7578	9.7464358	9.8273513	6	66.4010	119.0526	9.9190845	10.1726487
55	44.6389	53.7916	9.7466237	9.8276241	5	66.3880	118.9778	9.9189996	10.1723759
56	44.6582	53.8254	9.7468115	9.8278969	4	66.3750	118.9031	9.9189146	10.1721031
57	44.6775	53.8592	9.7469992	9.8281696	3	66.3620	118.8284	9.9188296	10.1718304
58	44.6968	53.8930	9.7471868	9.8284423	2	66.3490	118.7538	9.9187445	10.1715577
59	44.7161	53.9268	9.7473743	9.8287149	1	66.3360	118.6793	9.9186594	10.1712851
60	44.7354	53.9607	9.7475617	9.8289874	0	66.3230	118.6049	9.9185742	10.1710126

34 Grad.					55 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	44.7354	53.9607	9.7475617	9.8289874	60	66.3230	118.6049	9.9185742	10.1710126
1	44.7547	53.9945	9.7477489	9.8292599	59	66.3100	118.5305	9.9184890	10.1707401
2	44.7740	54.0284	9.7479360	9.8295323	58	66.2970	118.7762	9.9184037	10.1704677
3	44.7933	54.0623	9.7481230	9.8298047	57	66.2839	118.3819	9.9183183	10.1701953
4	44.8126	54.0962	9.7483099	9.8300769	56	66.2709	118.3077	9.9182329	10.1699231
5	44.8318	54.1301	9.7484967	9.8303492	55	66.2579	118.2336	9.9181475	10.1696508
6	44.8511	54.1641	9.7486833	9.8306213	54	66.2448	118.1595	9.9180620	10.1693787
7	44.8704	54.1980	9.7488698	9.8308934	53	66.2318	118.0855	9.9179764	10.1691066
8	44.8896	54.2320	9.7490562	9.8311654	52	66.2187	118.0116	9.9178908	10.1688346
9	44.9089	54.2660	9.7492425	9.8314374	51	66.2057	117.9377	9.9178051	10.1685626
10	44.9282	54.2999	9.7494287	9.8317093	50	66.1926	117.8639	9.9177194	10.1682907
11	44.9474	54.3339	9.7496148	9.8319811	49	66.1795	117.7901	9.9176336	10.1680189
12	44.9667	54.3679	9.7498007	9.8322529	48	66.1664	117.7164	9.9175478	10.1677471
13	44.9859	54.4020	9.7499866	9.8325246	47	66.1534	117.6428	9.9174619	10.1674754
14	45.0052	54.4360	9.7501723	9.8327963	46	66.1403	117.5692	9.9173760	10.1672037
15	45.0244	54.4701	9.7503579	9.8330679	45	66.1272	117.4957	9.9172900	10.1669321
16	45.0436	54.5041	9.7505434	9.8333394	44	66.1141	117.4223	9.9172040	10.1666606
17	45.0629	54.5382	9.7507287	9.8336109	43	66.1010	117.3489	9.9171179	10.1663891
18	45.0821	54.5723	9.7509140	9.8338823	42	66.0879	117.2756	9.9170317	10.1661177
19	45.1013	54.6064	9.7510991	9.8341536	41	66.0747	117.2024	9.9169455	10.1658464
20	45.1205	54.6405	9.7512842	9.8344249	40	66.0616	117.1292	9.9168593	10.1655751
21	45.1397	54.6747	9.7514691	9.8346961	39	66.0485	117.0561	9.9167730	10.1653039
22	45.1590	54.7088	9.7516538	9.8349673	38	66.0354	116.9830	9.9166866	10.1650327
23	45.1782	54.7430	9.7518385	9.8352384	37	66.0222	116.9100	9.9166002	10.1647616
24	45.1974	54.7771	9.7510231	9.8355094	36	66.0091	116.8371	9.9165137	10.1644906
25	45.2166	54.8113	9.7522075	9.8357804	35	65.9959	116.7642	9.9164272	10.1642196
26	45.2358	54.8455	9.7523919	9.8360513	34	65.9828	116.6914	9.9163406	10.1639487
27	45.2549	54.8798	9.7525761	9.8363221	33	65.9696	116.6186	9.9162539	10.1636779
28	45.2741	54.9140	9.7527602	9.8365929	32	65.9564	116.5459	9.9161673	10.1634071
29	45.2933	54.9482	9.7529442	9.8368636	31	65.9433	116.4733	9.9160805	10.1631364
30	45.3125	54.9825	9.7531280	9.8371343	30	65.9301	116.4007	9.9159937	10.1628657
31	45.3317	55.0168	9.7533118	9.8374049	29	65.9169	116.3282	9.9159069	10.1625951
32	45.3508	55.0510	9.7534954	9.8376755	28	65.9037	116.2558	9.9158200	10.1623245
33	45.3700	55.0853	9.7536790	9.8379460	27	65.8905	116.1834	9.9157330	10.1620540
34	45.3892	55.1196	9.7538624	9.8382164	26	65.8773	116.1111	9.9156460	10.1617836
35	45.4083	55.1540	9.7540457	9.8384867	25	65.8641	116.0388	9.9155589	10.1615133
36	45.4275	55.1883	9.7542288	9.8387571	24	65.8509	115.9666	9.9154718	10.1612429
37	45.4467	55.2227	9.7544119	9.8390273	23	65.8377	115.8945	9.9153846	10.1609727
38	45.4658	55.2570	9.7545949	9.8392975	22	65.8245	115.8224	9.9152974	10.1607025
39	45.4849	55.2914	9.7547777	9.8395676	21	65.8112	115.7504	9.9152101	10.1604324
40	45.5041	55.3258	9.7549604	9.8398377	20	65.7980	115.6784	9.9151228	10.1601623
41	45.5232	55.3602	9.7551431	9.8401077	19	65.7848	115.6065	9.9150354	10.1598923
42	45.5424	55.3946	9.7553256	9.8403776	18	65.7715	115.5347	9.9149479	10.1596224
43	45.5615	55.4291	9.7555080	9.8406475	17	65.7583	115.4629	9.9148604	10.1593525
44	45.5806	55.4635	9.7556902	9.8409174	16	65.7450	115.3912	9.9147729	10.1590826
45	45.5997	55.4980	9.7558724	9.8411871	15	65.7318	115.3195	9.9146852	10.1588129
46	45.6189	55.5325	9.7560544	9.8414569	14	65.7185	115.2479	9.9145976	10.1585431
47	45.6380	55.5669	9.7562364	9.8417265	13	65.7052	115.1764	9.9145099	10.1582735
48	45.6571	55.6014	9.7564182	9.8419961	12	65.6919	115.1049	9.9144221	10.1580039
49	45.6762	55.6360	9.7565999	9.8422657	11	65.6787	115.0335	9.9143342	10.1577343
50	45.6953	55.6705	9.7567815	9.8425351	10	65.6654	114.9621	9.9142464	10.1574649
51	45.7144	55.7050	9.7569630	9.8428046	9	65.6521	114.8908	9.9141584	10.1571954
52	45.7335	55.7396	9.7571444	9.8430739	8	65.6388	114.8196	9.9140704	10.1569261
53	45.7526	55.7742	9.7573256	9.8433432	7	65.6255	114.7484	9.9139824	10.1566568
54	45.7717	55.8088	9.7575068	9.8436125	6	65.6122	114.6773	9.9138943	10.1563875
55	45.7908	55.8434	9.7576878	9.8438817	5	65.5988	114.6062	9.9138061	10.1561183
56	45.8098	55.8780	9.7578687	9.8441508	4	65.5855	114.5352	9.9137179	10.1558492
57	45.8289	55.9126	9.7580495	9.8444199	3	65.5722	114.4643	9.9136296	10.1555801
58	45.8480	55.9473	9.7582302	9.8446889	2	65.5588	114.3934	9.9135413	10.1553111
59	45.8670	55.9819	9.7584108	9.8449579	1	65.5455	114.3226	9.9134530	10.1550421
60	45.8861	56.0166	9.7585913	9.8452268	0	65.5322	114.2518	9.9133645	10.1547732

35 Grad.					54 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	45. 8861	56. 0166	9. 7585913	9. 8452268	60	65. 5322	114. 2518	9. 9133645	10. 1547732
1	45. 9052	56. 0513	9. 7587717	9. 8454956	59	65. 5188	114. 1811	9. 9132760	10. 1545044
2	45. 9242	56. 0860	9. 7589519	9. 8457644	58	65. 5055	114. 1105	9. 9131875	10. 1542356
3	45. 9433	56. 1207	9. 7591321	9. 8460332	57	65. 4921	114. 0399	9. 9130989	10. 1539668
4	45. 9623	56. 1554	9. 7593121	9. 8463018	56	65. 4787	113. 9694	9. 9130102	10. 1536982
5	45. 9814	56. 1902	9. 7594920	9. 8465705	55	65. 4654	113. 8989	9. 9129215	10. 1534295
6	46. 0004	56. 2249	9. 7596718	9. 8468390	54	65. 4520	113. 8285	9. 9128328	10. 1531610
7	46. 0195	56. 2597	9. 7598515	9. 8471075	53	65. 4386	113. 7581	9. 9127440	10. 1528925
8	46. 0385	56. 2945	9. 7600311	9. 8473760	52	65. 4252	113. 6878	9. 9126552	10. 1526240
9	46. 0575	56. 3293	9. 7602106	9. 8476444	51	65. 4118	113. 6176	9. 9125662	10. 1523556
10	46. 0765	56. 3641	9. 7603899	9. 8479127	50	65. 3984	113. 5474	9. 9124772	10. 1520873
11	46. 0956	56. 3990	9. 7605692	9. 8481810	49	65. 3850	113. 4773	9. 9123882	10. 1518190
12	46. 1146	56. 4338	9. 7607483	9. 8484492	48	65. 3716	113. 4072	9. 9122991	10. 1515508
13	46. 1336	56. 4686	9. 7609274	9. 8487174	47	65. 3582	113. 3372	9. 9122099	10. 1512826
14	46. 1526	56. 5035	9. 7611063	9. 8489855	46	65. 3448	113. 2673	9. 9121207	10. 1510145
15	46. 1716	56. 5384	9. 7612851	9. 8492536	45	65. 3313	113. 1974	9. 9120315	10. 1507464
16	46. 1906	56. 5733	9. 7614638	9. 8495216	44	65. 3179	113. 1275	9. 9119422	10. 1504784
17	46. 2096	56. 6082	9. 7616424	9. 8497896	43	65. 3044	113. 0578	9. 9118528	10. 1502104
18	46. 2286	56. 6432	9. 7618208	9. 8500575	42	65. 2910	112. 9880	9. 9117634	10. 1499425
19	46. 2476	56. 6781	9. 7619992	9. 8503253	41	65. 2776	112. 9184	9. 9116739	10. 1496747
20	46. 2666	56. 7131	9. 7621775	9. 8505931	40	65. 2641	112. 8488	9. 9115844	10. 1494069
21	46. 2856	56. 7480	9. 7623556	9. 8508608	39	65. 2506	112. 7792	9. 9114948	10. 1491392
22	46. 3045	56. 7830	9. 7625337	9. 8511285	38	65. 2372	112. 7097	9. 9114051	10. 1488715
23	46. 3236	56. 8180	9. 7627116	9. 8513961	37	65. 2237	112. 6403	9. 9113155	10. 1486039
24	46. 3425	56. 8530	9. 7628894	9. 8516637	36	65. 2102	112. 5709	9. 9112257	10. 1483363
25	46. 3615	56. 8881	9. 7630671	9. 8519312	35	65. 1967	112. 5016	9. 9111359	10. 1480688
26	46. 3804	56. 9231	9. 7632447	9. 8521987	34	65. 1832	112. 4324	9. 9110460	10. 1478013
27	46. 3994	56. 9582	9. 7634222	9. 8524661	33	65. 1698	112. 3631	9. 9109561	10. 1475339
28	46. 4183	56. 9933	9. 7635996	9. 8527335	32	65. 1563	112. 2940	9. 9108661	10. 1472665
29	46. 4373	57. 0283	9. 7637769	9. 8530008	31	65. 1428	112. 2249	9. 9107761	10. 1469992
30	46. 4562	57. 0634	9. 7639540	9. 8532680	30	65. 1292	112. 1559	9. 9106860	10. 1467320
31	46. 4752	57. 0986	9. 7641311	9. 8535352	29	65. 1157	112. 0869	9. 9105959	10. 1464648
32	46. 4941	57. 1337	9. 7643080	9. 8538023	28	65. 1022	112. 0180	9. 9105057	10. 1461977
33	46. 5131	57. 1688	9. 7644849	9. 8540694	27	65. 0887	111. 9491	9. 9104155	10. 1459306
34	46. 5320	57. 2040	9. 7646616	9. 8543365	26	65. 0751	111. 8803	9. 9103251	10. 1456635
35	46. 5509	57. 2392	9. 7648382	9. 8546034	25	65. 0616	111. 8115	9. 9102348	10. 1453966
36	46. 5698	57. 2744	9. 7650147	9. 8548704	24	65. 0481	111. 7428	9. 9101444	10. 1451296
37	46. 5888	57. 3096	9. 7651911	9. 8551372	23	65. 0345	111. 6742	9. 9100539	10. 1448628
38	46. 6077	57. 3448	9. 7653674	9. 8554041	22	65. 0210	111. 6056	9. 9099634	10. 1445959
39	46. 6266	57. 3800	9. 7655436	9. 8556708	21	65. 0074	111. 5370	9. 9098728	10. 1443292
40	46. 6455	57. 4153	9. 7657197	9. 8559376	20	64. 9938	111. 4686	9. 9097821	10. 1440624
41	46. 6644	57. 4506	9. 7658957	9. 8562042	19	64. 9803	111. 4001	9. 9096915	10. 1437958
42	46. 6833	57. 4858	9. 7660715	9. 8564708	18	64. 9667	111. 3318	9. 9096007	10. 1435292
43	46. 7022	57. 5211	9. 7662473	9. 8567374	17	64. 9531	111. 2635	9. 9095099	10. 1432626
44	46. 7211	57. 5564	9. 7664229	9. 8570039	16	64. 9395	111. 1952	9. 9094190	10. 1429961
45	46. 7400	57. 5918	9. 7665985	9. 8572704	15	64. 9259	111. 1270	9. 9093281	10. 1427296
46	46. 7589	57. 6271	9. 7667739	9. 8575368	14	64. 9123	111. 0589	9. 9092371	10. 1424632
47	46. 7777	57. 6624	9. 7669492	9. 8578031	13	64. 8987	110. 9908	9. 9091461	10. 1421969
48	46. 7966	57. 6978	9. 7671244	9. 8580694	12	64. 8851	110. 9227	9. 9090550	10. 1419306
49	46. 8155	57. 7332	9. 7672996	9. 8583357	11	64. 8715	110. 8548	9. 9089639	10. 1416643
50	46. 8344	57. 7686	9. 7674746	9. 8586019	10	64. 8579	110. 7868	9. 9088727	10. 1413981
51	46. 8532	57. 8040	9. 7676494	9. 8588680	9	64. 8442	110. 7190	9. 9087814	10. 1411320
52	46. 8721	57. 8394	9. 7678242	9. 8591341	8	64. 8306	110. 6511	9. 9086901	10. 1408659
53	46. 8909	57. 8749	9. 7679989	9. 8594002	7	64. 8170	110. 5834	9. 9085988	10. 1405998
54	46. 9098	57. 9103	9. 7681735	9. 8596661	6	64. 8033	110. 5157	9. 9085073	10. 1403339
55	46. 9286	57. 9458	9. 7683480	9. 8599321	5	64. 7897	110. 4480	9. 9084159	10. 1400679
56	46. 9475	57. 9813	9. 7685223	9. 8601980	4	64. 7760	110. 3804	9. 9083243	10. 1398020
57	46. 9663	58. 0168	9. 7686966	9. 8604638	3	64. 7624	110. 3129	9. 9082327	10. 1395362
58	46. 9852	58. 0523	9. 7688707	9. 8607296	2	64. 7487	110. 2454	9. 9081411	10. 1392704
59	47. 0040	58. 0879	9. 7690448	9. 8609954	1	64. 7350	110. 1779	9. 9080494	10. 1390046
60	47. 0228	58. 1234	9. 7692187	9. 8612610	0	64. 7214	110. 1106	9. 9079576	10. 1387390

36 Grad.					53 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	47.0228	58.1234	9.7692187	9.8612610	60	64.7214	110.1106	9.9079576	10.1387390
1	47.0416	58.1590	9.7693925	9.8615267	59	64.7077	110.0432	9.9078658	10.1384733
2	47.0605	58.1945	9.7695662	9.8617923	58	64.6940	109.9760	9.9077740	10.1382077
3	47.0793	58.2301	9.7697398	9.8620578	57	64.6803	109.9087	9.9076820	10.1379422
4	47.0981	58.2657	9.7699134	9.8623233	56	64.6666	109.8416	9.9075901	10.1376767
5	47.1169	58.3014	9.7700868	9.8625887	55	64.6529	109.7744	9.9074980	10.1374113
6	47.1357	58.3370	9.7702601	9.8628541	54	64.6392	109.7074	9.9074059	10.1371459
7	47.1545	58.3727	9.7704332	9.8631195	53	64.6255	109.6404	9.9073138	10.1368805
8	47.1733	58.4083	9.7706063	9.8633848	52	64.6118	109.5734	9.9072216	10.1366152
9	47.1921	58.4440	9.7707793	9.8636500	51	64.5980	109.5065	9.9071293	10.1363500
10	47.2109	58.4797	9.7709522	9.8639152	50	64.5843	109.4397	9.9070370	10.1360848
11	47.2297	58.5154	9.7711249	9.8641803	49	64.5706	109.3729	9.9069446	10.1358197
12	47.2485	58.5512	9.7712976	9.8644454	48	64.5568	109.3061	9.9068522	10.1355546
13	47.2672	58.5869	9.7714702	9.8647105	47	64.5431	109.2394	9.9067597	10.1352895
14	47.2860	58.6226	9.7716426	9.8649755	46	64.5293	109.1728	9.9066671	10.1350245
15	47.3048	58.6584	9.7718150	9.8652404	45	64.5156	109.1062	9.9065745	10.1347596
16	47.3235	58.6942	9.7719872	9.8655053	44	64.5018	109.0397	9.9064819	10.1344947
17	47.3423	58.7300	9.7721593	9.8657702	43	64.4880	108.9732	9.9063892	10.1342298
18	47.3611	58.7658	9.7723314	9.8660350	42	64.4743	108.9068	9.9062964	10.1340650
19	47.3798	58.8017	9.7725033	9.8662997	41	64.4605	108.8404	9.9062036	10.1337003
20	47.3986	58.8375	9.7726751	9.8665644	40	64.4467	108.7741	9.9061107	10.1334356
21	47.4173	58.8734	9.7728468	9.8668291	39	64.4329	108.7078	9.9060177	10.1331709
22	47.4360	58.9093	9.7730185	9.8670937	38	64.4191	108.6416	9.9059247	10.1329063
23	47.4548	58.9452	9.7731900	9.8673583	37	64.4053	108.5755	9.9058317	10.1326417
24	47.4735	58.9811	9.7733614	9.8676228	36	64.3915	108.5094	9.9057386	10.1323772
25	47.4922	59.0170	9.7735327	9.8678873	35	64.3777	108.4433	9.9056454	10.1321127
26	47.5110	59.0530	9.7737039	9.8681517	34	64.3639	108.3773	9.9055522	10.1318483
27	47.5297	59.0889	9.7738749	9.8684160	33	64.3500	108.3113	9.9054589	10.1315840
28	47.5484	59.1249	9.7740459	9.8686804	32	64.3362	108.2454	9.9053656	10.1313196
29	47.5671	59.1609	9.7742168	9.8689446	31	64.3224	108.1796	9.9052722	10.1310554
30	47.5858	59.1969	9.7743876	9.8692089	30	64.3086	108.1138	9.9051787	10.1307911
31	47.6045	59.2329	9.7745583	9.8694731	29	64.2947	108.0480	9.9050852	10.1305269
32	47.6232	59.2689	9.7747288	9.8697372	28	64.2809	107.9824	9.9049916	10.1302628
33	47.6419	59.3050	9.7748993	9.8700013	27	64.2670	107.9167	9.9048980	10.1299987
34	47.6606	59.3411	9.7750697	9.8702653	26	64.2531	107.8511	9.9048043	10.1297347
35	47.6793	59.3771	9.7752399	9.8705293	25	64.2393	107.7856	9.9047106	10.1294707
36	47.6980	59.4132	9.7754101	9.8707933	24	64.2254	107.7201	9.9046168	10.1292067
37	47.7167	59.4494	9.7755801	9.8710572	23	64.2115	107.6547	9.9045230	10.1289428
38	47.7353	59.4855	9.7757501	9.8713210	22	64.1976	107.5893	9.9044291	10.1286790
39	47.7540	59.5216	9.7759199	9.8715848	21	64.1838	107.5239	9.9043351	10.1284152
40	47.7727	59.5578	9.7760897	9.8718486	20	64.1699	107.4586	9.9042411	10.1281514
41	47.7914	59.5940	9.7762593	9.8721123	19	64.1560	107.3934	9.9041470	10.1278877
42	47.8100	59.6302	9.7764289	9.8723760	18	64.1420	107.3282	9.9040529	10.1276240
43	47.8287	59.6664	9.7765983	9.8726396	17	64.1281	107.2631	9.9039587	10.1273604
44	47.8473	59.7026	9.7767676	9.8729032	16	64.1142	107.1980	9.9038644	10.1270968
45	47.8660	59.7388	9.7769369	9.8731668	15	64.1003	107.1330	9.9037701	10.1268332
46	47.8846	59.7751	9.7771060	9.8734302	14	64.0864	107.0680	9.9036757	10.1265698
47	47.9032	59.8114	9.7772750	9.8736937	13	64.0724	107.0031	9.9035813	10.1263063
48	47.9219	59.8476	9.7774439	9.8739571	12	64.0585	106.9382	9.9034868	10.1260429
49	47.9405	59.8840	9.7776128	9.8742204	11	64.0446	106.8734	9.9033923	10.1257796
50	47.9591	59.9203	9.7777815	9.8744838	10	64.0306	106.8086	9.9032977	10.1255162
51	47.9778	59.9566	9.7779501	9.8747470	9	64.0167	106.7439	9.9032031	10.1252530
52	47.9964	59.9930	9.7781186	9.8750102	8	64.0027	106.6792	9.9031084	10.1249898
53	48.0150	60.0293	9.7782870	9.8752734	7	63.9887	106.6146	9.9030136	10.1247266
54	48.0336	60.0657	9.7784553	9.8755365	6	63.9748	106.5500	9.9029188	10.1244635
55	48.0522	60.1021	9.7786235	9.8757996	5	63.9608	106.4855	9.9028239	10.1242004
56	48.0708	60.1385	9.7787916	9.8760627	4	63.9468	106.4210	9.9027289	10.1239373
57	48.0894	60.1749	9.7789596	9.8763257	3	63.9328	106.3566	9.9026339	10.1236743
58	48.1080	60.2114	9.7791275	9.8765886	2	63.9188	106.2922	9.9025389	10.1234114
59	48.1266	60.2478	9.7792953	9.8768515	1	63.9048	106.2279	9.9024438	10.1231485
60	48.1452	60.2843	9.7794630	9.8771144	0	63.8908	106.1636	9.9023486	10.1228856

37 Grad.					52 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	48. 1452	60. 2843	9. 7794630	9. 8771144	60	63. 8908	106. 1636	9. 9023486	10. 1228856
1	48. 1638	60. 3208	9. 7796306	9. 8773772	59	63. 8768	106. 0994	9. 9022534	10. 1226228
2	48. 1824	60. 3573	9. 7797981	9. 8776400	58	63. 8628	106. 0352	9. 9021581	10. 1223600
3	48. 2009	60. 3939	9. 7799655	9. 8779027	57	63. 8488	105. 9710	9. 9020628	10. 1220973
4	48. 2195	60. 4304	9. 7801328	9. 8781654	56	63. 8348	105. 9070	9. 9019674	10. 1218346
5	48. 2381	60. 4670	9. 7803000	9. 8784281	55	63. 8208	105. 8429	9. 9018719	10. 1215719
6	48. 2566	60. 5035	9. 7804671	9. 8786907	54	63. 8067	105. 7790	9. 9017764	10. 1213093
7	48. 2752	60. 5401	9. 7806341	9. 8789533	53	63. 7927	105. 7150	9. 9016808	10. 1210467
8	48. 2938	60. 5767	9. 7808010	9. 8792158	52	63. 7786	105. 6511	9. 9015852	10. 1207842
9	48. 3123	60. 6133	9. 7809677	9. 8794782	51	63. 7646	105. 5873	9. 9014895	10. 1205218
10	48. 3308	60. 6500	9. 7811344	9. 8797407	50	63. 7505	105. 5235	9. 9013938	10. 1202593
11	48. 3494	60. 6866	9. 7813010	9. 8800031	49	63. 7365	105. 4598	9. 9012980	10. 1199969
12	48. 3679	60. 7233	9. 7814675	9. 8802654	48	63. 7224	105. 3961	9. 9012021	10. 1197346
13	48. 3865	60. 7600	9. 7816339	9. 8805277	47	63. 7083	105. 3325	9. 9011062	10. 1194723
14	48. 4050	60. 7967	9. 7818002	9. 8807900	46	63. 6942	105. 2689	9. 9010102	10. 1192100
15	48. 4235	60. 8334	9. 7819664	9. 8810522	45	63. 6802	105. 2053	9. 9009142	10. 1189478
16	48. 4420	60. 8702	9. 7821324	9. 8813144	44	63. 6661	105. 1418	9. 9008181	10. 1186856
17	48. 4606	60. 9069	9. 7822984	9. 8815765	43	63. 6520	105. 0784	9. 9007219	10. 1184235
18	48. 4791	60. 9437	9. 7824643	9. 8818386	42	63. 6379	105. 0150	9. 9006257	10. 1181614
19	48. 4976	60. 9805	9. 7826301	9. 8821007	41	63. 6238	104. 9517	9. 9005294	10. 1178993
20	48. 5161	61. 0173	9. 7827958	9. 8823627	40	63. 6097	104. 8884	9. 9004331	10. 1176373
21	48. 5346	61. 0541	9. 7829614	9. 8826246	39	63. 5955	104. 8251	9. 9003367	10. 1173754
22	48. 5531	61. 0909	9. 7831268	9. 8828866	38	63. 5814	104. 7619	9. 9002403	10. 1171134
23	48. 5716	61. 1278	9. 7832922	9. 8831484	37	63. 5673	104. 6988	9. 9001438	10. 1168516
24	48. 5901	61. 1646	9. 7834575	9. 8834103	36	63. 5532	104. 6357	9. 9000472	10. 1165897
25	48. 6086	61. 2015	9. 7836227	9. 8836721	35	63. 5390	104. 5726	9. 8999506	10. 1163279
26	48. 6270	61. 2384	9. 7837878	9. 8839338	34	63. 5249	104. 5096	9. 8998539	10. 1160662
27	48. 6455	61. 2753	9. 7839528	9. 8841956	33	63. 5107	104. 4466	9. 8997572	10. 1158044
28	48. 6640	61. 3122	9. 7841177	9. 8844572	32	63. 4966	104. 3837	9. 8996604	10. 1155428
29	48. 6824	61. 3492	9. 7842824	9. 8847189	31	63. 4824	104. 3208	9. 8995636	10. 1152811
30	48. 7009	61. 3862	9. 7844471	9. 8849805	30	63. 4683	104. 2580	9. 8994667	10. 1150195
31	48. 7194	61. 4231	9. 7846117	9. 8852420	29	63. 4541	104. 1953	9. 8993697	10. 1147580
32	48. 7378	61. 4601	9. 7847762	9. 8855035	28	63. 4399	104. 1325	9. 8992727	10. 1144965
33	48. 7563	61. 4972	9. 7849406	9. 8857650	27	63. 4257	104. 0699	9. 8991756	10. 1142350
34	48. 7747	61. 5342	9. 7851049	9. 8860264	26	63. 4116	104. 0072	9. 8990784	10. 1139736
35	48. 7932	61. 5712	9. 7852691	9. 8862878	25	63. 3974	103. 9446	9. 8989812	10. 1137122
36	48. 8116	61. 6083	9. 7854332	9. 8865492	24	63. 3832	103. 8821	9. 8988840	10. 1134508
37	48. 8300	61. 6454	9. 7855972	9. 8868105	23	63. 3690	103. 8196	9. 8987867	10. 1131895
38	48. 8485	61. 6825	9. 7857611	9. 8870718	22	63. 3548	103. 7572	9. 8986893	10. 1129282
39	48. 8669	61. 7196	9. 7859249	9. 8873330	21	63. 3406	103. 6948	9. 8985919	10. 1126670
40	48. 8853	61. 7567	9. 7860886	9. 8875942	20	63. 3263	103. 6325	9. 8984944	10. 1124058
41	48. 9038	61. 7939	9. 7862522	9. 8878554	19	63. 3121	103. 5702	9. 8983968	10. 1121446
42	48. 9222	61. 8310	9. 7864157	9. 8881165	18	63. 2979	103. 5079	9. 8982992	10. 1118835
43	48. 9406	61. 8682	9. 7865791	9. 8883776	17	63. 2836	103. 4457	9. 8982015	10. 1116225
44	48. 9590	61. 9054	9. 7867424	9. 8886386	16	63. 2694	103. 3835	9. 8981038	10. 1113614
45	48. 9774	61. 9426	9. 7869056	9. 8888996	15	63. 2552	103. 3214	9. 8980060	10. 1111004
46	48. 9958	61. 9798	9. 7870687	9. 8891605	14	63. 2409	103. 2594	9. 8979082	10. 1108395
47	49. 0142	62. 0171	9. 7872317	9. 8894214	13	63. 2267	103. 1974	9. 8978103	10. 1105786
48	49. 0326	62. 0544	9. 7873946	9. 8896823	12	63. 2124	103. 1354	9. 8977123	10. 1103177
49	49. 0510	62. 0916	9. 7875574	9. 8899432	11	63. 1981	103. 0735	9. 8976143	10. 1100568
50	49. 0693	62. 1289	9. 7877202	9. 8902040	10	63. 1839	103. 0116	9. 8975162	10. 1097960
51	49. 0877	62. 1663	9. 7878828	9. 8904647	9	63. 1696	102. 9497	9. 8974181	10. 1095353
52	49. 1061	62. 2036	9. 7880453	9. 8907254	8	63. 1553	102. 8880	9. 8973199	10. 1092746
53	49. 1244	62. 2409	9. 7882077	9. 8909861	7	63. 1410	102. 8262	9. 8972216	10. 1090139
54	49. 1428	62. 2783	9. 7883701	9. 8912468	6	63. 1267	102. 7645	9. 8971233	10. 1087532
55	49. 1612	62. 3157	9. 7885323	9. 8915074	5	63. 1124	102. 7029	9. 8970249	10. 1084926
56	49. 1795	62. 3531	9. 7886944	9. 8917679	4	63. 0981	102. 6413	9. 8969265	10. 1082321
57	49. 1979	62. 3905	9. 7888565	9. 8920285	3	63. 0838	102. 5797	9. 8968280	10. 1079715
58	49. 2163	62. 4279	9. 7890184	9. 8922890	2	63. 0695	102. 5182	9. 8967294	10. 1077110
59	49. 2346	62. 4654	9. 7891802	9. 8925494	1	63. 0552	102. 4563	9. 8966308	10. 1074506
60	49. 2529	62. 5028	9. 7893420	9. 8928098	0	63. 0409	102. 3953	9. 8965321	10. 1071902

38 Grad.					51 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	49. 2529	62. 5028	9. 7893420	9. 8928098	60	63. 0409	102. 3953	9. 8965321	10. 1071902
1	49. 2713	62. 5403	9. 7895036	9. 8930702	59	63. 0265	102. 3340	9. 8964334	10. 1069298
2	49. 2896	62. 5778	9. 7896652	9. 8933306	58	63. 0122	102. 2726	9. 8963346	10. 1066694
3	49. 3079	62. 6154	9. 7898266	9. 8935909	57	62. 9979	102. 2114	9. 8962358	10. 1064091
4	49. 3267	62. 6529	9. 7899880	9. 8938511	56	62. 9835	102. 1501	9. 8961369	10. 1061489
5	49. 3446	62. 6904	9. 7901493	9. 8941114	55	62. 9692	102. 0889	9. 8960379	10. 1058886
6	49. 3629	62. 7280	9. 7903104	9. 8943715	54	62. 9548	102. 0278	9. 8959389	10. 1056285
7	49. 3812	62. 7656	9. 7904715	9. 8946317	53	62. 9404	101. 9667	9. 8958398	10. 1053683
8	49. 3995	62. 8032	9. 7906325	9. 8948918	52	62. 9261	101. 9056	9. 8957406	10. 1051082
9	49. 4178	62. 8408	9. 7907933	9. 8951519	51	62. 9117	101. 8446	9. 8956414	10. 1048481
10	49. 4361	62. 8785	9. 7909541	9. 8954119	50	62. 8973	101. 7837	9. 8955422	10. 1045881
11	49. 4544	62. 9161	9. 7911148	9. 8956719	49	62. 8829	101. 7227	9. 8954429	10. 1043281
12	49. 4727	62. 9538	9. 7912754	9. 8959319	48	62. 8686	101. 6619	9. 8953435	10. 1040681
13	49. 4910	62. 9915	9. 7914359	9. 8961918	47	62. 8542	101. 6010	9. 8952440	10. 1038082
14	49. 5092	63. 0292	9. 7915963	9. 8964517	46	62. 8398	101. 5403	9. 8951445	10. 1035482
15	49. 5275	63. 0669	9. 7917566	9. 8967116	45	62. 8254	101. 4795	9. 8950450	10. 1032884
16	49. 5458	63. 1047	9. 7919168	9. 8969714	44	62. 8109	101. 4188	9. 8949453	10. 1030286
17	49. 5641	63. 1424	9. 7920769	9. 8972312	43	62. 7965	101. 3582	9. 8948457	10. 1027688
18	49. 5823	63. 1802	9. 7922369	9. 8974910	42	62. 7821	101. 2976	9. 8947459	10. 1025090
19	49. 6006	63. 2180	9. 7923968	9. 8977507	41	62. 7677	101. 2370	9. 8946461	10. 1022493
20	49. 6188	63. 2558	9. 7925566	9. 8980104	40	62. 7533	101. 1765	9. 8945463	10. 1019896
21	49. 6371	63. 2936	9. 7927163	9. 8982700	39	62. 7388	101. 1160	9. 8944463	10. 1017300
22	49. 6553	63. 3315	9. 7928760	9. 8985296	38	62. 7244	101. 0556	9. 8943464	10. 1014704
23	49. 6736	63. 3693	9. 7930355	9. 8987892	37	62. 7099	100. 9952	9. 8942463	10. 1012108
24	49. 6918	63. 4072	9. 7931949	9. 8990487	36	62. 6955	100. 9349	9. 8941462	10. 1009513
25	49. 7101	63. 4451	9. 7933543	9. 8993082	35	62. 6810	100. 8746	9. 8940461	10. 1006918
26	49. 7283	63. 4830	9. 7935135	9. 8995677	34	62. 6666	100. 8143	9. 8940058	10. 1004323
27	49. 7465	63. 5210	9. 7936727	9. 8998271	33	62. 6521	100. 7541	9. 8938456	10. 1001729
28	49. 7647	63. 5589	9. 7938317	9. 9000865	32	62. 6376	100. 6940	9. 8937452	10. 0999135
29	49. 7830	63. 5969	9. 7939907	9. 9003459	31	62. 6231	100. 6339	9. 8936448	10. 0996541
30	49. 8012	63. 6349	9. 7941496	9. 9006052	30	62. 6087	100. 5738	9. 8935444	10. 0993948
31	49. 8194	63. 6729	9. 7943083	9. 9008645	29	62. 5942	100. 5138	9. 8934439	10. 0991355
32	49. 8376	63. 7109	9. 7944670	9. 9011237	28	62. 5797	100. 4538	9. 8933433	10. 0988763
33	49. 8558	63. 7489	9. 7946256	9. 9013830	27	62. 5652	100. 3938	9. 8932426	10. 0986170
34	49. 8740	63. 7870	9. 7947841	9. 9016422	26	62. 5507	100. 3339	9. 8931419	10. 0983578
35	49. 8922	63. 8251	9. 7949425	9. 9019013	25	62. 5362	100. 2741	9. 8930412	10. 0980987
36	49. 9104	63. 8632	9. 7951008	9. 9021604	24	62. 5216	100. 2143	9. 8929404	10. 0978396
37	49. 9286	63. 9013	9. 7952590	9. 9024195	23	62. 5071	100. 1545	9. 8928395	10. 0975805
38	49. 9467	63. 9394	9. 7954171	9. 9026786	22	62. 4926	100. 0948	9. 8927385	10. 0973214
39	49. 9649	63. 9775	9. 7955751	9. 9029376	21	62. 4781	100. 0351	9. 8926375	10. 0970624
40	49. 9831	64. 0157	9. 7957330	9. 9031966	20	62. 4635	99. 9755	9. 8925365	10. 0968034
41	50. 0012	64. 0539	9. 7958909	9. 9034555	19	62. 4490	99. 9159	9. 8924354	10. 0965445
42	50. 0194	64. 0921	9. 7960486	9. 9037144	18	62. 4344	99. 8563	9. 8923342	10. 0962856
43	50. 0376	64. 1303	9. 7962062	9. 9039733	17	62. 4199	99. 7968	9. 8922329	10. 0960267
44	50. 0557	64. 1685	9. 7963638	9. 9042321	16	62. 4053	99. 7374	9. 8921316	10. 0957679
45	50. 0739	64. 2068	9. 7965212	9. 9044910	15	62. 3908	99. 6779	9. 8920303	10. 0955090
46	50. 0920	64. 2451	9. 7966786	9. 9047497	14	62. 3762	99. 6186	9. 8919289	10. 0952503
47	50. 1102	64. 2833	9. 7968359	9. 9050085	13	62. 3616	99. 5592	9. 8918274	10. 0949915
48	50. 1283	64. 3216	9. 7969930	9. 9052672	12	62. 3470	99. 4999	9. 8917258	10. 0947328
49	50. 1464	64. 3600	9. 7971501	9. 9055259	11	62. 3325	99. 4407	9. 8916242	10. 0944741
50	50. 1646	64. 3983	9. 7973071	9. 9057845	10	62. 3179	99. 3815	9. 8915226	10. 0942155
51	50. 1827	64. 4367	9. 7974640	9. 9060431	9	62. 3033	99. 3223	9. 8914208	10. 0939569
52	50. 2008	64. 4751	9. 7976208	9. 9063017	8	62. 2887	99. 2632	9. 8913191	10. 0936983
53	50. 2189	64. 5134	9. 7977775	9. 9065603	7	62. 2741	99. 2041	9. 8912172	10. 0934397
54	50. 2370	64. 5519	9. 7979341	9. 9068188	6	62. 2594	99. 1451	9. 8911153	10. 0931812
55	50. 2552	64. 5903	9. 7980906	9. 9070773	5	62. 2448	99. 0861	9. 8910133	10. 0929227
56	50. 2733	64. 6287	9. 7982470	9. 9073357	4	62. 2302	99. 0271	9. 8909113	10. 0926643
57	50. 2914	64. 6672	9. 7984034	9. 9075941	3	62. 2156	98. 9682	9. 8908092	10. 0924059
58	50. 3095	64. 7057	9. 7985596	9. 9078525	2	62. 2010	98. 9094	9. 8907071	10. 0921475
59	50. 3275	64. 7442	9. 7987158	9. 9081109	1	62. 1863	98. 8506	9. 8906049	10. 0918891
60	50. 3456	64. 7827	9. 7988718	9. 9083692	0	62. 1717	98. 7918	9. 8905026	10. 0916308

39 Grad.					50 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	50.3456	64.7827	9.7988718	9.9083692	60	62.1717	98.7918	9.8905026	10.0916308
1	50.3637	64.8213	9.7990278	9.9086275	59	62.1570	98.7330	9.8904003	10.0913725
2	50.3818	64.8598	9.7991836	9.9088858	58	62.1424	98.6743	9.8902979	10.0911142
3	50.3999	64.8984	9.7993394	9.9091440	57	62.1277	98.6157	9.8901954	10.0908560
4	50.4179	64.9370	9.7994951	9.9094022	56	62.1131	98.5571	9.8900929	10.0905978
5	50.4360	64.9756	9.7996507	9.9096603	55	62.0984	98.4985	9.8899903	10.0903397
6	50.4541	65.0142	9.7998062	9.9099185	54	62.0837	98.4400	9.8898877	10.0900815
7	50.4721	65.0529	9.7999616	9.9101766	53	62.0690	98.3815	9.8897850	10.0898234
8	50.4902	65.0916	9.8001169	9.9104347	52	62.0544	98.3230	9.8896822	10.0895653
9	50.5082	65.1302	9.8002721	9.9106927	51	62.0397	98.2646	9.8895794	10.0893073
10	50.5263	65.1689	9.8004272	9.9109507	50	62.0250	98.2063	9.8894765	10.0890493
11	50.5443	65.2077	9.8005823	9.9112087	49	62.0103	98.1480	9.8893736	10.0887913
12	50.5623	65.2464	9.8007372	9.9114666	48	61.9956	98.0897	9.8892706	10.0885334
13	50.5804	65.2852	9.8008921	9.9117245	47	61.9808	98.0315	9.8891675	10.0882755
14	50.5984	65.3239	9.8010468	9.9119824	46	61.9661	97.9733	9.8890644	10.0880176
15	50.6164	65.3627	9.8012015	9.9122403	45	61.9514	97.9151	9.8889612	10.0877597
16	50.6344	65.4016	9.8013561	9.9124981	44	61.9367	97.8570	9.8888580	10.0875019
17	50.6525	65.4404	9.8015106	9.9127559	43	61.9220	97.7989	9.8887547	10.0872441
18	50.6705	65.4792	9.8016649	9.9130137	42	61.9072	97.7409	9.8886513	10.0869863
19	50.6885	65.5181	9.8018192	9.9132714	41	61.8925	97.6829	9.8885479	10.0867286
20	50.7065	65.5570	9.8019735	9.9135291	40	61.8777	97.6250	9.8884444	10.0864709
21	50.7245	65.5959	9.8021276	9.9137868	39	61.8630	97.5671	9.8883408	10.0862132
22	50.7425	65.6348	9.8022816	9.9140444	38	61.8482	97.5092	9.8882372	10.0859556
23	50.7605	65.6738	9.8024355	9.9143020	37	61.8335	97.4514	9.8881335	10.0856980
24	50.7784	65.7127	9.8025894	9.9145596	36	61.8187	97.3936	9.8880298	10.0854404
25	50.7964	65.7517	9.8027431	9.9148171	35	61.8039	97.3359	9.8879260	10.0851829
26	50.8144	65.7907	9.8028968	9.9150747	34	61.7891	97.2782	9.8878221	10.0849253
27	50.8324	65.8297	9.8030504	9.9153322	33	61.7744	97.2205	9.8877182	10.0846678
28	50.8503	65.8688	9.8032038	9.9155896	32	61.7596	97.1629	9.8876142	10.0844104
29	50.8683	65.9078	9.8033572	9.9158471	31	61.7448	97.1053	9.8875102	10.0841529
30	50.8863	65.9469	9.8035105	9.9161045	30	61.7300	97.0478	9.8874061	10.0838955
31	50.9042	65.9860	9.8036637	9.9163618	29	61.7152	96.9903	9.8873019	10.0836382
32	50.9222	66.0251	9.8038168	9.9166192	28	61.7004	96.9328	9.8871977	10.0833808
33	50.9401	66.0642	9.8039699	9.9168765	27	61.6855	96.8754	9.8870934	10.0831235
34	50.9580	66.1034	9.8041228	9.9171338	26	61.6707	96.8180	9.8869890	10.0828662
35	50.9760	66.1426	9.8042757	9.9173911	25	61.6559	96.7607	9.8868846	10.0826089
36	50.9939	66.1818	9.8044284	9.9176483	24	61.6411	96.7034	9.8867801	10.0823517
37	51.0118	66.2210	9.8045811	9.9179055	23	61.6262	96.6461	9.8866756	10.0820945
38	51.0298	66.2602	9.8047336	9.9181627	22	61.6114	96.5889	9.8865710	10.0818373
39	51.0477	66.2994	9.8048861	9.9184198	21	61.5965	96.5317	9.8864663	10.0815802
40	51.0656	66.3387	9.8050385	9.9186769	20	61.5817	96.4746	9.8863616	10.0813231
41	51.0835	66.3780	9.8051908	9.9189341	19	61.5668	96.4175	9.8862568	10.0810660
42	51.1014	66.4173	9.8053430	9.9191914	18	61.5520	96.3605	9.8861519	10.0808089
43	51.1193	66.4566	9.8054951	9.9194481	17	61.5371	96.3034	9.8860470	10.0805519
44	51.1372	66.4959	9.8056472	9.9197051	16	61.5222	96.2465	9.8859420	10.0802949
45	51.1551	66.5353	9.8057991	9.9199621	15	61.5073	96.1895	9.8858370	10.0800379
46	51.1730	66.5747	9.8059510	9.9202191	14	61.4925	96.1326	9.8857319	10.0797809
47	51.1909	66.6141	9.8061027	9.9204760	13	61.4776	96.0758	9.8856267	10.0795240
48	51.2088	66.6535	9.8062544	9.9207329	12	61.4627	96.0190	9.8855215	10.0792671
49	51.2267	66.6929	9.8064060	9.9209898	11	61.4478	95.9622	9.8854162	10.0790102
50	51.2445	66.7324	9.8065575	9.9212466	10	61.4329	95.9055	9.8853109	10.0787534
51	51.2624	66.7718	9.8067089	9.9215034	9	61.4180	95.8488	9.8852055	10.0784966
52	51.2803	66.8113	9.8068602	9.9217602	8	61.4031	95.7921	9.8851003	10.0782398
53	51.2981	66.8509	9.8069114	9.9220170	7	61.3881	95.7355	9.8849945	10.0779830
54	51.3160	66.8904	9.8070626	9.9222737	6	61.3732	95.6789	9.8848889	10.0777263
55	51.3338	66.9299	9.8072136	9.9225304	5	61.3583	95.6224	9.8847832	10.0774696
56	51.3517	66.9695	9.8073646	9.9227871	4	61.3433	95.5659	9.8846775	10.0772129
57	51.3695	67.0091	9.8075154	9.9230437	3	61.3284	95.5094	9.8845717	10.0769563
58	51.3873	67.0487	9.8076662	9.9233004	2	61.3135	95.4530	9.8844659	10.0766996
59	51.4052	67.0883	9.8078169	9.9235570	1	61.2985	95.3966	9.8843599	10.0764430
60	51.4230	67.1280	9.8079675	9.9238135	0	61.2836	95.3403	9.8842540	10.0761865

40 Grad.					49 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	51.4230	67.1280	9.8080675	9.9238135	60	61.2836	95.3403	9.8842540	10.0761865
1	51.4408	67.1676	9.8082180	9.9240701	59	61.2686	95.2840	9.8841479	10.0759299
2	51.4587	67.2073	9.8083684	9.9243266	58	61.2536	95.2277	9.8840418	10.0756734
3	51.4765	67.2470	9.8085188	9.9245831	57	61.2387	95.1715	9.8839357	10.0754169
4	51.4943	67.2868	9.8086690	9.9248396	56	61.2237	95.1153	9.8838294	10.0751604
5	51.5121	67.3265	9.8088192	9.9250960	55	61.2087	95.0592	9.8837232	10.0749040
6	51.5299	67.3663	9.8089692	9.9253524	54	61.1937	95.0031	9.8836168	10.0746476
7	51.5477	67.4060	9.8091192	9.9256088	53	61.1787	94.9470	9.8835104	10.0743912
8	51.5655	67.4458	9.8092691	9.9258652	52	61.1637	94.8910	9.8834039	10.0741348
9	51.5833	67.4857	9.8094189	9.9261215	51	61.1487	94.8350	9.8832974	10.0738785
10	51.6011	67.5255	9.8095686	9.9263778	50	61.1337	94.7790	9.8831908	10.0736222
11	51.6188	67.5654	9.8097182	9.9266341	49	61.1187	94.7231	9.8830841	10.0733659
12	51.6366	67.6052	9.8098678	9.9268904	48	61.1037	94.6672	9.8829774	10.0731096
13	51.6544	67.6451	9.8100172	9.9271466	47	61.0887	94.6114	9.8828706	10.0728534
14	51.6722	67.6851	9.8101666	9.9274028	46	61.0736	94.5556	9.8827638	10.0725972
15	51.6899	67.7250	9.8103159	9.9276590	45	61.0586	94.4998	9.8826568	10.0723410
16	51.7077	67.7650	9.8104650	9.9279152	44	61.0436	94.4441	9.8825499	10.0720848
17	51.7254	67.8049	9.8106141	9.9281713	43	61.0285	94.3884	9.8824428	10.0718287
18	51.7432	67.8449	9.8107631	9.9284274	42	61.0135	94.3328	9.8823357	10.0715726
19	51.7609	67.8850	9.8109121	9.9286835	41	60.9984	94.2772	9.8822285	10.0713165
20	51.7787	67.9250	9.8110609	9.9289396	40	60.9834	94.2216	9.8821213	10.0710604
21	51.7964	67.9650	9.8112096	9.9291956	39	60.9683	94.1660	9.8820140	10.0708044
22	51.8141	68.0051	9.8113583	9.9294516	38	60.9532	94.1106	9.8819067	10.0705484
23	51.8319	68.0452	9.8115069	9.9297076	37	60.9381	94.0551	9.8817992	10.0702924
24	51.8496	68.0853	9.8116554	9.9299636	36	60.9231	93.9997	9.8816918	10.0700364
25	51.8673	68.1255	9.8118038	9.9302195	35	60.9080	93.9443	9.8815842	10.0697805
26	51.8850	68.1656	9.8119521	9.9304755	34	60.8929	93.8890	9.8814766	10.0695245
27	51.9027	68.2058	9.8121003	9.9307314	33	60.8778	93.8337	9.8813689	10.0692686
28	51.9204	68.2460	9.8122484	9.9309872	32	60.8627	93.7784	9.8812612	10.0690128
29	51.9381	68.2862	9.8123965	9.9312431	31	60.8476	93.7232	9.8811534	10.0687569
30	51.9558	68.3265	9.8125444	9.9314989	30	60.8325	93.6680	9.8810455	10.0685011
31	51.9735	68.3667	9.8126923	9.9317547	29	60.8174	93.6128	9.8809376	10.0682453
32	51.9912	68.4070	9.8128401	9.9320105	28	60.8022	93.5577	9.8808296	10.0679895
33	52.0089	68.4473	9.8129878	9.9322662	27	60.7871	93.5026	9.8807215	10.0677338
34	52.0266	68.4876	9.8131354	9.9325220	26	60.7720	93.4476	9.8806134	10.0674780
35	52.0443	68.5279	9.8132829	9.9327777	25	60.7568	93.3926	9.8805052	10.0672223
36	52.0619	68.5683	9.8134303	9.9330334	24	60.7417	93.3376	9.8803970	10.0669666
37	52.0796	68.6087	9.8135777	9.9332890	23	60.7266	93.2827	9.8802887	10.0667110
38	52.0973	68.6491	9.8137250	9.9335446	22	60.7114	93.2278	9.8801803	10.0664554
39	52.1149	68.6895	9.8138721	9.9338003	21	60.6962	93.1729	9.8800719	10.0661997
40	52.1326	68.7299	9.8140192	9.9340559	20	60.6811	93.1181	9.8799634	10.0659441
41	52.1502	68.7704	9.8141662	9.9343114	19	60.6659	93.0633	9.8798548	10.0656886
42	52.1679	68.8109	9.8143131	9.9345670	18	60.6507	93.0086	9.8797462	10.0654330
43	52.1855	68.8514	9.8144600	9.9348225	17	60.6356	92.9539	9.8796375	10.0651775
44	52.2032	68.8919	9.8146067	9.9350780	16	60.6204	92.8992	9.8795287	10.0649220
45	52.2208	68.9324	9.8147534	9.9353335	15	60.6052	92.8446	9.8794199	10.0646665
46	52.2384	68.9730	9.8148999	9.9355889	14	60.5900	92.7900	9.8793110	10.0644111
47	52.2560	69.0135	9.8150464	9.9358444	13	60.5748	92.7354	9.8792021	10.0641556
48	52.2736	69.0541	9.8151928	9.9360998	12	60.5596	92.6809	9.8790930	10.0639002
49	52.2913	69.0948	9.8153391	9.9363552	11	60.5444	92.6264	9.8789840	10.0636448
50	52.3089	69.1354	9.8154854	9.9366105	10	60.5292	92.5720	9.8788748	10.0633895
51	52.3265	69.1761	9.8156315	9.9368659	9	60.5140	92.5175	9.8787656	10.0631341
52	52.3441	69.2168	9.8157776	9.9371212	8	60.4987	92.4632	9.8786563	10.0628788
53	52.3617	69.2574	9.8159235	9.9373765	7	60.4835	92.4088	9.8785470	10.0626235
54	52.3793	69.2982	9.8160694	9.9376318	6	60.4683	92.3545	9.8784376	10.0623682
55	52.3968	69.3389	9.8162152	9.9378871	5	60.4530	92.3003	9.8783281	10.0621129
56	52.4144	69.3797	9.8163609	9.9381423	4	60.4378	92.2460	9.8782186	10.0618577
57	52.4320	69.4205	9.8165066	9.9383975	3	60.4225	92.1918	9.8781090	10.0616025
58	52.4496	69.4613	9.8166521	9.9386527	2	60.4073	92.1377	9.8779994	10.0613473
59	52.4672	69.5021	9.8167975	9.9389079	1	60.3920	92.0836	9.8778896	10.0610921
60	52.4847	69.5429	9.8169429	9.9391631	0	60.3768	92.0295	9.8777799	10.0608369

41 Grad.					48 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	52.4847	69.5429	9.8169429	9.9391631	60	60.3768	92.0295	9.8777799	10.0608369
1	52.5023	69.5838	9.8170882	9.9394182	59	60.3615	91.9754	9.8776700	10.0605818
2	52.5198	69.6247	9.8172334	9.9396733	58	60.3462	91.9214	9.8775601	10.0603267
3	52.5374	69.6656	9.8173785	9.9399284	57	60.3309	91.8674	9.8774501	10.0600716
4	52.5549	69.7065	9.8175235	9.9401835	56	60.3157	91.8135	9.8773401	10.0598165
5	52.5725	69.7475	9.8176685	9.9404385	55	60.3004	91.7596	9.8772300	10.0595615
6	52.5900	69.7884	9.8178133	9.9406936	54	60.2851	91.7057	9.8771198	10.0593064
7	52.6076	69.8294	9.8179581	9.9409486	53	60.2698	91.6519	9.8770096	10.0590514
8	52.6251	69.8704	9.8181028	9.9412036	52	60.2545	91.5981	9.8768993	10.0587964
9	52.6426	69.9115	9.8182474	9.9414585	51	60.2392	91.5443	9.8767889	10.0585415
10	52.6601	69.9525	9.8183919	9.9417135	50	60.2238	91.4906	9.8766785	10.0582865
11	52.6776	69.9936	9.8185364	9.9419684	49	60.2085	91.4369	9.8765680	10.0580316
12	52.6952	70.0347	9.8186807	9.9422233	48	60.1932	91.3833	9.8764574	10.0577767
13	52.7127	70.0758	9.8188250	9.9424782	47	60.1779	91.3296	9.8763468	10.0575218
14	52.7302	70.1170	9.8189692	9.9427331	46	60.1625	91.2761	9.8762361	10.0572669
15	52.7477	70.1581	9.8191133	9.9429879	45	60.1472	91.2225	9.8761253	10.0570121
16	52.7652	70.1993	9.8192573	9.9432428	44	60.1318	91.1690	9.8760145	10.0567572
17	52.7826	70.2405	9.8194012	9.9434976	43	60.1165	91.1155	9.8759036	10.0565024
18	52.8001	70.2817	9.8195450	9.9437524	42	60.1011	91.0621	9.8757927	10.0562476
19	52.8176	70.3230	9.8196888	9.9440072	41	60.0858	91.0087	9.8756816	10.0559928
20	52.8350	70.3642	9.8198325	9.9442619	40	60.0704	90.9553	9.8755706	10.0557381
21	52.8526	70.4055	9.8199761	9.9445166	39	60.0550	90.9020	9.8754594	10.0554834
22	52.8700	70.4468	9.8201196	9.9447714	38	60.0397	90.8487	9.8753482	10.0552286
23	52.8875	70.4881	9.8202630	9.9450261	37	60.0243	90.7954	9.8752369	10.0549739
24	52.9050	70.5295	9.8204063	9.9452807	36	60.0089	90.7422	9.8751256	10.0547193
25	52.9224	70.5709	9.8205496	9.9455354	35	59.9935	90.6890	9.8750142	10.0544646
26	52.9398	70.6122	9.8206927	9.9457900	34	59.9781	90.6358	9.8749027	10.0542100
27	52.9573	70.6537	9.8208358	9.9460447	33	59.9627	90.5827	9.8747912	10.0539553
28	52.9747	70.6951	9.8209788	9.9462993	32	59.9473	90.5296	9.8746795	10.0537007
29	52.9922	70.7365	9.8211217	9.9465539	31	59.9319	90.4766	9.8745679	10.0534461
30	53.0096	70.7780	9.8212646	9.9468084	30	59.9165	90.4236	9.8744561	10.0531916
31	53.0270	70.8195	9.8214073	9.9470630	29	59.9010	90.3706	9.8743443	10.0529370
32	53.0445	70.8610	9.8215500	9.9473175	28	59.8856	90.3176	9.8742325	10.0526825
33	53.0619	70.9026	9.8216926	9.9475720	27	59.8702	90.2647	9.8741205	10.0524280
34	53.0793	70.9441	9.8218351	9.9478265	26	59.8547	90.2118	9.8740085	10.0521735
35	53.0967	70.9857	9.8219775	9.9480810	25	59.8393	90.1590	9.8738965	10.0519190
36	53.1141	71.0273	9.8221198	9.9483355	24	59.8238	90.1062	9.8737844	10.0516645
37	53.1315	71.0690	9.8222621	9.9485899	23	59.8084	90.0534	9.8736722	10.0514101
38	53.1489	71.1106	9.8224042	9.9488443	22	59.7929	90.0006	9.8735600	10.0511557
39	53.1663	71.1523	9.8225463	9.9490987	21	59.7775	89.9479	9.8734476	10.0509013
40	53.1837	71.1940	9.8226883	9.9493531	20	59.7620	89.8953	9.8733352	10.0506469
41	53.2010	71.2357	9.8228302	9.9496075	19	59.7465	89.8426	9.8732227	10.0503925
42	53.2184	71.2774	9.8229721	9.9498619	18	59.7311	89.7900	9.8731102	10.0501381
43	53.2358	71.3192	9.8231138	9.9501162	17	59.7156	89.7375	9.8729976	10.0498838
44	53.2532	71.3609	9.8232555	9.9503705	16	59.7001	89.6849	9.8728849	10.0496295
45	53.2705	71.4027	9.8233971	9.9506248	15	59.6846	89.6324	9.8727722	10.0493752
46	53.2879	71.4446	9.8235386	9.9508791	14	59.6691	89.5800	9.8726594	10.0491209
47	53.3052	71.4864	9.8236800	9.9511334	13	59.6536	89.5275	9.8725466	10.0488666
48	53.3226	71.5283	9.8238213	9.9513876	12	59.6381	89.4751	9.8724337	10.0486124
49	53.3399	71.5701	9.8239626	9.9516419	11	59.6226	89.4228	9.8723207	10.0483581
50	53.3573	71.6120	9.8241037	9.9518961	10	59.6070	89.3704	9.8722076	10.0481039
51	53.3746	71.6540	9.8242448	9.9521503	9	59.5915	89.3181	9.8720945	10.0478497
52	53.3920	71.6959	9.8243858	9.9524045	8	59.5760	89.2659	9.8719813	10.0475955
53	53.4093	71.7379	9.8245267	9.9526587	7	59.5605	89.2136	9.8718681	10.0473413
54	53.4266	71.7799	9.8246676	9.9529128	6	59.5449	89.1615	9.8717548	10.0470872
55	53.4439	71.8219	9.8248083	9.9531670	5	59.5294	89.1093	9.8716414	10.0468330
56	53.4612	71.8640	9.8249490	9.9534211	4	59.5138	89.0572	9.8715279	10.0465789
57	53.4785	71.9060	9.8250896	9.9536752	3	59.4983	89.0051	9.8714144	10.0463248
58	53.4958	71.9481	9.8252301	9.9539293	2	59.4827	88.9530	9.8713008	10.0460707
59	53.5132	71.9902	9.8253705	9.9541834	1	59.4672	88.9010	9.8711872	10.0458166
60	53.5304	72.0323	9.8255109	9.9544374	0	59.4516	88.8490	9.8710735	10.0455626

42 Grad					47 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	53.5304	72.0323	9.8255109	9.9544374	60	59.4516	88.8490	9.8710735	10.0455626
1	53.5477	72.0745	9.8256512	9.9546915	59	59.4360	88.7970	9.8709597	10.0453085
2	53.5650	72.1166	9.8257913	9.9549455	58	59.4204	88.7451	9.8708458	10.0450545
3	53.5823	72.1588	9.8259314	9.9551995	57	59.4048	88.6932	9.8707319	10.0448005
4	53.5996	72.2010	9.8260715	9.9554535	56	59.3893	88.6414	9.8706179	10.0445465
5	53.6169	72.2433	9.8262114	9.9557075	55	59.3737	88.5895	9.8705039	10.0442925
6	53.6341	72.2856	9.8263512	9.9559615	54	59.3581	88.5378	9.8703898	10.0440385
7	53.6514	72.3278	9.8264910	9.9562154	53	59.3425	88.4860	9.8702756	10.0437846
8	53.6687	72.3701	9.8266307	9.9564694	52	59.3269	88.4343	9.8701613	10.0435306
9	53.6859	72.4125	9.8267703	9.9567233	51	59.3112	88.3826	9.8700470	10.0432767
10	53.7032	72.4548	9.8269098	9.9569772	50	59.2956	88.3309	9.8699326	10.0430228
11	53.7204	72.4972	9.8270493	9.9572311	49	59.2800	88.2793	9.8698182	10.0427689
12	53.7376	72.5396	9.8271887	9.9574850	48	59.2644	88.2277	9.8697037	10.0425150
13	53.7549	72.5820	9.8273279	9.9577389	47	59.2487	88.1762	9.8695891	10.0422611
14	53.7721	72.6244	9.8274671	9.9579927	46	59.2331	88.1246	9.8694744	10.0420073
15	53.7893	72.6669	9.8276063	9.9582465	45	59.2174	88.0731	9.8693597	10.0417535
16	53.8066	72.7094	9.8277453	9.9585004	44	59.2018	88.0217	9.8692449	10.0414996
17	53.8238	72.7519	9.8278843	9.9587542	43	59.1861	87.9702	9.8691301	10.0412458
18	53.8410	72.7944	9.8280231	9.9590080	42	59.1705	87.9188	9.8690152	10.0409920
19	53.8582	72.8370	9.8281619	9.9592618	41	59.1548	87.8675	9.8689002	10.0407382
20	53.8754	72.8795	9.8283006	9.9595155	40	59.1392	87.8162	9.8687851	10.0404845
21	53.8926	72.9221	9.8284393	9.9597693	39	59.1235	87.7649	9.8686700	10.0402307
22	53.9098	72.9647	9.8285778	9.9600230	38	59.1078	87.7136	9.8685548	10.0399770
23	53.9270	73.0074	9.8287163	9.9602767	37	59.0921	87.6624	9.8684396	10.0397233
24	53.9442	73.0500	9.8288547	9.9605305	36	59.0764	87.6112	9.8683242	10.0394695
25	53.9614	73.0927	9.8289930	9.9607842	35	59.0607	87.5600	9.8682088	10.0392158
26	53.9786	73.1354	9.8291312	9.9609378	34	59.0450	87.5089	9.8680934	10.0389622
27	53.9957	73.1782	9.8292694	9.9611915	33	59.0293	87.4578	9.8679779	10.0387085
28	54.0129	73.2209	9.8294075	9.9615452	32	59.0136	87.4067	9.8678623	10.0384548
29	54.0301	73.2637	9.8295454	9.9617988	31	58.9979	87.3557	9.8677466	10.0382012
30	54.0472	73.3065	9.8296833	9.9620525	30	58.9822	87.3047	9.8676309	10.0379475
31	54.0644	73.3493	9.8298212	9.9623061	29	58.9665	87.2537	9.8675151	10.0376939
32	54.0815	73.3922	9.8299589	9.9625597	28	58.9507	87.2028	9.8673992	10.0374403
33	54.0987	73.4350	9.8300966	9.9628133	27	58.9350	87.1519	9.8672833	10.0371863
34	54.1158	73.4779	9.8302342	9.9630669	26	58.9193	87.1010	9.8671673	10.0369331
35	54.1329	73.5208	9.8303717	9.9633204	25	58.9035	87.0502	9.8670512	10.0366796
36	54.1501	73.5638	9.8305091	9.9635740	24	58.8878	86.9993	9.8669351	10.0364260
37	54.1672	73.6067	9.8306464	9.9638275	23	58.8720	86.9486	9.8668189	10.0361725
38	54.1843	73.6497	9.8307837	9.9640811	22	58.8563	86.8978	9.8667026	10.0359189
39	54.2014	73.6927	9.8309209	9.9643346	21	58.8405	86.8471	9.8665863	10.0356654
40	54.2186	73.7357	9.8310580	9.9645881	20	58.8247	86.7964	9.8664699	10.0354119
41	54.2357	73.7788	9.8311950	9.9648416	19	58.8089	86.7458	9.8663534	10.0351584
42	54.2528	73.8219	9.8313320	9.9650951	18	58.7932	86.6952	9.8662369	10.0349049
43	54.2699	73.8650	9.8314688	9.9653486	17	58.7774	86.6446	9.8661203	10.0346514
44	54.2870	73.9081	9.8316056	9.9656020	16	58.7616	86.5940	9.8660036	10.0343980
45	54.3041	73.9512	9.8317423	9.9658555	15	58.7458	86.5435	9.8658868	10.0341445
46	54.3211	73.9944	9.8318789	9.9661089	14	58.7300	86.4930	9.8657700	10.0338911
47	54.3382	74.0376	9.8320155	9.9663623	13	58.7142	86.4426	9.8656531	10.0336377
48	54.3553	74.0808	9.8321519	9.9666157	12	58.6984	86.3921	9.8655362	10.0333843
49	54.3724	74.1240	9.8322883	9.9668692	11	58.6826	86.3417	9.8654192	10.0331308
50	54.3894	74.1673	9.8324246	9.9671225	10	58.6668	86.2914	9.8653021	10.0328775
51	54.4065	74.2106	9.8325609	9.9673759	9	58.6509	86.2411	9.8651849	10.0326241
52	54.4236	74.2539	9.8326970	9.9676293	8	58.6351	86.1908	9.8650677	10.0323707
53	54.4406	74.2972	9.8328331	9.9678827	7	58.6193	86.1405	9.8649504	10.0321173
54	54.4577	74.3406	9.8329691	9.9681360	6	58.6034	86.0903	9.8648331	10.0318640
55	54.4747	74.3840	9.8331050	9.9683893	5	58.5876	86.0400	9.8647156	10.0316107
56	54.4918	74.4274	9.8332408	9.9686427	4	58.5717	85.9899	9.8645981	10.0313573
57	54.5088	74.4708	9.8333766	9.9688960	3	58.5559	85.9397	9.8644806	10.0311040
58	54.5258	74.5142	9.8335122	9.9691493	2	58.5400	85.8896	9.8643629	10.0308507
59	54.5428	74.5577	9.8336478	9.9694026	1	58.5242	85.8395	9.8642452	10.0305974
60	54.5599	74.6012	9.8337833	9.9696559	0	58.5083	85.7895	9.8641275	10.0303441

43 Grad.					46 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	54.5599	74.6012	9.8337833	9.9696559	60	58.5083	85.7895	9.8641275	10.0303441
1	54.5769	74.6447	9.8339188	9.9699091	59	58.4924	85.7395	9.8640096	10.0300909
2	54.5939	74.6883	9.8340541	9.9701622	58	58.4765	85.6895	9.8638917	10.0298376
3	54.6109	74.7318	9.8341894	9.9704157	57	58.4607	85.6395	9.8637737	10.0295843
4	54.6279	74.7754	9.8343246	9.9706689	56	58.4448	85.5896	9.8636557	10.0293311
5	54.6449	74.8190	9.8344597	9.9709221	55	58.4289	85.5397	9.8635376	10.0290779
6	54.6619	74.8627	9.8345948	9.9711754	54	58.4130	85.4899	9.8634194	10.0288246
7	54.6789	74.9063	9.8347297	9.9714286	53	58.3971	85.4400	9.8633011	10.0285714
8	54.6959	74.9500	9.8348646	9.9716818	52	58.3812	85.3902	9.8631828	10.0283182
9	54.7129	74.9937	9.8349994	9.9719350	51	58.3653	85.3405	9.8630644	10.0280650
10	54.7298	75.0375	9.8351341	9.9721882	50	58.3493	85.2907	9.8629460	10.0278118
11	54.7468	75.0812	9.8352688	9.9724413	49	58.3334	85.2410	9.8628274	10.0275587
12	54.7638	75.1250	9.8354033	9.9726945	48	58.3175	85.1913	9.8627088	10.0273055
13	54.7807	75.1688	9.8355378	9.9729477	47	58.3016	85.1417	9.8625903	10.0270523
14	54.7977	75.2126	9.8356722	9.9732008	46	58.2856	85.0921	9.8624714	10.0267992
15	54.8146	75.2565	9.8358066	9.9734539	45	58.2697	85.0425	9.8623526	10.0265461
16	54.8316	75.3004	9.8359408	9.9737071	44	58.2537	84.9930	9.8622338	10.0262929
17	54.8485	75.3443	9.8360750	9.9739602	43	58.2378	84.9434	9.8621148	10.0260398
18	54.8655	75.3882	9.8362091	9.9742133	42	58.2218	84.8939	9.8619958	10.0257867
19	54.8824	75.4321	9.8363431	9.9744664	41	58.2059	84.8445	9.8618767	10.0255336
20	54.8993	75.4761	9.8364771	9.9747195	40	58.1899	84.7950	9.8617576	10.0252805
21	54.9163	75.5201	9.8366109	9.9749726	39	58.1739	84.7456	9.8616383	10.0250274
22	54.9332	75.5641	9.8367447	9.9752257	38	58.1579	84.6963	9.8615190	10.0247743
23	54.9501	75.6082	9.8368784	9.9754787	37	58.1420	84.6469	9.8613997	10.0245213
24	54.9670	75.6522	9.8370121	9.9757318	36	58.1260	84.5976	9.8612803	10.0242682
25	54.9839	75.6963	9.8371456	9.9759849	35	58.1100	84.5484	9.8611608	10.0240151
26	55.0008	75.7404	9.8372791	9.9762379	34	58.0940	84.4991	9.8610412	10.0237621
27	55.0177	75.7846	9.8374125	9.9764909	33	58.0780	84.4499	9.8609215	10.0235091
28	55.0346	75.8288	9.8375458	9.9767440	32	58.0620	84.4007	9.8608018	10.0232560
29	55.0515	75.8730	9.8376790	9.9769970	31	58.0460	84.3515	9.8606821	10.0230030
30	55.0684	75.9172	9.8378122	9.9772500	30	58.0300	84.3024	9.8605622	10.0227500
31	55.0852	75.9614	9.8379453	9.9775030	29	58.0139	84.2533	9.8604423	10.0224970
32	55.1021	76.0057	9.8380783	9.9777560	28	57.9979	84.2042	9.8603223	10.0222440
33	55.1190	76.0500	9.8382112	9.9780090	27	57.9788	84.1552	9.8602022	10.0219910
34	55.1358	76.0943	9.8383441	9.9782620	26	57.9658	84.1062	9.8600821	10.0217380
35	55.1527	76.1386	9.8384769	9.9785149	25	57.9498	84.0572	9.8599619	10.0214851
36	55.1696	76.1830	9.8386096	9.9787679	24	57.9337	84.0083	9.8598416	10.0212321
37	55.1864	76.2274	9.8387422	9.9790209	23	57.9177	83.9594	9.8597213	10.0209791
38	55.2033	76.2718	9.8388747	9.9792738	22	57.9016	83.9105	9.8596009	10.0207262
39	55.2201	76.3162	9.8390072	9.9795268	21	57.8856	83.8616	9.8594804	10.0204732
40	55.2369	76.3607	9.8391396	9.9797797	20	57.8695	83.8128	9.8593599	10.0202203
41	55.2538	76.4052	9.8392719	9.9800326	19	57.8534	83.7640	9.8592393	10.0199674
42	55.2706	76.4497	9.8394041	9.9802856	18	57.8374	83.7152	9.8591186	10.0197144
43	55.2874	76.4942	9.8395363	9.9805385	17	57.8213	83.6665	9.8589978	10.0194615
44	55.3042	76.5388	9.8396684	9.9807914	16	57.8052	83.6178	9.8588770	10.0192086
45	55.3210	76.5833	9.8398004	9.9810443	15	57.7891	83.5691	9.8587561	10.0189557
46	55.3379	76.6280	9.8399323	9.9812972	14	57.7730	83.5204	9.8586351	10.0187028
47	55.3547	76.6726	9.8400642	9.9815501	13	57.7569	83.4718	9.8585141	10.0184499
48	55.3715	76.7172	9.8401959	9.9818030	12	57.7408	83.4232	9.8583929	10.0181970
49	55.3882	76.7619	9.8403276	9.9820559	11	57.7247	83.3737	9.8582718	10.0179441
50	55.4050	76.8066	9.8404593	9.9823087	10	57.7086	83.3261	9.8581505	10.0176913
51	55.4218	76.8514	9.8405908	9.9825616	9	57.6925	83.2776	9.8580292	10.0174384
52	55.4386	76.8961	9.8407223	9.9828145	8	57.6764	83.2292	9.8579078	10.0171855
53	55.4554	76.9409	9.8408537	9.9830673	7	57.6602	83.1807	9.8577863	10.0169327
54	55.4721	76.9857	9.8409850	9.9833202	6	57.6441	83.1323	9.8576648	10.0166798
55	55.4889	77.0306	9.8411162	9.9835730	5	57.6280	83.0839	9.8575432	10.0164270
56	55.5057	77.0754	9.8412474	9.9838259	4	57.6118	83.0356	9.8574215	10.0161741
57	55.5224	77.1203	9.8413785	9.9840787	3	57.5957	82.9872	9.8572998	10.0159213
58	55.5392	77.1652	9.8415095	9.9843315	2	57.5795	82.9389	9.8571779	10.0156685
59	55.5559	77.2101	9.8416404	9.9845844	1	57.5633	82.8907	9.8570561	10.0154156
60	55.5727	77.2551	9.8417713	9.9848372	0	57.5472	82.8424	9.8569341	10.0151628

44 Grad.					45 Grad.				
Minut.	Sinus	Tang.	Log. Sin.	Log. Tang.	Minut.	Sinus	Tangens	Log. Sin.	Log. Tang.
0	55.5727	77.2551	9.8417713	9.9848372	60	57.5472	82.8424	9.8569341	10.0151628
1	55.5894	77.3001	9.8419021	9.9850900	59	57.5310	82.7942	9.8568121	10.0149100
2	55.6061	77.3451	9.8420328	9.9853428	58	57.5148	82.7460	9.8566900	10.0146572
3	55.6229	77.3901	9.8421634	9.9855956	57	57.4987	82.6979	9.8565678	10.0144044
4	55.6396	77.4352	9.8422939	9.9858484	56	57.4825	82.6498	9.8564455	10.0141516
5	55.6563	77.4803	9.8424244	9.9861012	55	57.4663	82.6017	9.8563232	10.0138988
6	55.6730	77.5254	9.8425548	9.9863540	54	57.4501	82.5536	9.8562008	10.0136460
7	55.6897	77.5705	9.8426851	9.9866068	53	57.4339	82.5056	9.8560784	10.0133932
8	55.7064	77.6157	9.8428154	9.9868596	52	57.4177	82.4576	9.8559558	10.0131404
9	55.7231	77.6609	9.8429456	9.9871123	51	57.4015	82.4096	9.8558332	10.0128877
10	55.7398	77.7061	9.8430757	9.9873651	50	57.3853	82.3616	9.8557106	10.0126349
11	55.7565	77.7513	9.8432057	9.9876179	49	57.3691	82.3137	9.8555878	10.0123821
12	55.7732	77.7966	9.8433356	9.9878706	48	57.3528	82.2658	9.8554650	10.0121294
13	55.7899	77.8419	9.8434655	9.9881234	47	57.3366	82.2179	9.8553421	10.0118766
14	55.8066	77.8872	9.8435953	9.9883761	46	57.3204	82.1701	9.8552192	10.0116239
15	55.8232	77.9326	9.8437250	9.9886289	45	57.3042	82.1223	9.8550961	10.0113711
16	55.8399	77.9779	9.8438547	9.9888816	44	57.2879	82.0745	9.8549730	10.0111184
17	55.8566	78.0233	9.8439842	9.9891344	43	57.2717	82.0268	9.8548499	10.0108656
18	55.8732	78.0687	9.8441137	9.9893871	42	57.2554	81.9790	9.8547266	10.0106129
19	55.8899	78.1142	9.8442432	9.9896399	41	57.2392	81.9314	9.8546033	10.0103601
20	55.9065	78.1596	9.8443725	9.9898926	40	57.2229	81.8837	9.8544799	10.0101074
21	55.9232	78.2051	9.8445018	9.9901453	39	57.2066	81.8360	9.8543564	10.0098547
22	55.9398	78.2507	9.8446310	9.9903981	38	57.1904	81.7884	9.8542329	10.0096019
23	55.9564	78.2962	9.8447601	9.9906508	37	57.1741	81.7409	9.8541093	10.0093492
24	55.9731	78.3418	9.8448891	9.9909035	36	57.1578	81.6933	9.8539856	10.0090965
25	55.9897	78.3874	9.8450181	9.9911562	35	57.1415	81.6458	9.8538619	10.0088438
26	56.0063	78.4330	9.8451470	9.9914089	34	57.1252	81.5983	9.8537381	10.0085911
27	56.0229	78.4787	9.8452758	9.9916616	33	57.1089	81.5508	9.8536142	10.0083384
28	56.0395	78.5243	9.8454045	9.9919143	32	57.0926	81.5034	9.8534902	10.0080857
29	56.0561	78.5700	9.8455332	9.9921670	31	57.0763	81.4560	9.8533662	10.0078330
30	56.0727	78.6158	9.8456618	9.9924197	30	57.0600	81.4086	9.8532421	10.0075803
31	56.0893	78.6615	9.8457903	9.9926724	29	57.0437	81.3612	9.8531179	10.0073276
32	56.1059	78.7073	9.8459188	9.9929251	28	57.0274	81.3139	9.8529936	10.0070749
33	56.1225	78.7531	9.8460471	9.9931778	27	57.0111	81.2666	9.8528693	10.0068222
34	56.1391	78.7990	9.8461754	9.9934305	26	56.9948	81.2193	9.8527449	10.0065695
35	56.1557	78.8448	9.8463036	9.9936832	25	56.9784	81.1721	9.8526204	10.0063168
36	56.1722	78.8907	9.8464318	9.9939359	24	56.9621	81.1249	9.8524959	10.0060641
37	56.1888	78.9366	9.8465599	9.9941886	23	56.9457	81.0777	9.8523713	10.0058114
38	56.2054	78.9826	9.8466879	9.9944413	22	56.9294	81.0305	9.8522466	10.0055587
39	56.2219	79.0285	9.8468158	9.9946940	21	56.9130	80.9834	9.8521218	10.0053060
40	56.2385	79.0745	9.8469436	9.9949466	20	56.8967	80.9363	9.8519970	10.0050534
41	56.2550	79.1206	9.8470714	9.9951993	19	56.8803	80.8892	9.8518721	10.0048007
42	56.2716	79.1666	9.8471991	9.9954520	18	56.8640	80.8422	9.8517471	10.0045480
43	56.2881	79.2127	9.8473267	9.9957047	17	56.8476	80.7952	9.8516220	10.0042953
44	56.3046	79.2588	9.8474543	9.9959573	16	56.8312	80.7482	9.8514969	10.0040427
45	56.3212	79.3049	9.8475817	9.9962100	15	56.8148	80.7012	9.8513717	10.0037900
46	56.3377	79.3510	9.8477091	9.9964627	14	56.7984	80.6543	9.8512465	10.0035373
47	56.3542	79.3972	9.8478365	9.9967154	13	56.7821	80.6073	9.8511211	10.0032846
48	56.3707	79.4434	9.8479637	9.9969680	12	56.7657	80.5605	9.8509957	10.0030320
49	56.3872	79.4897	9.8480909	9.9972207	11	56.7493	80.5136	9.8508702	10.0027793
50	56.4038	79.5359	9.8482180	9.9974734	10	56.7329	80.4668	9.8507446	10.0025266
51	56.4203	79.5822	9.8483450	9.9977260	9	56.7164	80.4200	9.8506190	10.0022740
52	56.4368	79.6285	9.8484720	9.9979787	8	56.7000	80.3732	9.8504933	10.0020213
53	56.4532	79.6749	9.8485989	9.9982314	7	56.6836	80.3265	9.8503675	10.0017686
54	56.4697	79.7212	9.8487257	9.9984840	6	56.6672	80.2797	9.8502417	10.0015160
55	56.4862	79.7676	9.8488524	9.9987367	5	56.6508	80.2330	9.8501157	10.0012633
56	56.5027	79.8140	9.8489791	9.9989893	4	56.6343	80.1864	9.8499897	10.0010107
57	56.5192	79.8605	9.8491057	9.9992420	3	56.6179	80.1398	9.8498637	10.0007580
58	56.5356	79.9070	9.8492322	9.9994947	2	56.6014	80.0931	9.8497375	10.0005053
59	56.5521	79.9535	9.8493586	9.9997473	1	56.5850	80.0466	9.8496113	10.0002527
60	56.5685	80.0000	9.8494850	10.0000000	0	56.5685	80.0000	9.8494850	10.0000000

T a f e l n

derer

Sohlen und Seigerteuffen

in 100. Theilen eines Zolles

vor die Grade derer Donlegen

von 5 zu 5 Minuten.

2011

1979

Ergebnisse der

in 100. Teilen eines Zolls

vor die Erde der Danks

von 2 in 2 Minuten

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Seigerteuffe

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$\frac{2}{8}$										$\frac{1}{8}$										$\frac{1}{8}$									
5										4										3									
4										3										2									
3										2										1									
$\frac{2}{8}$										$\frac{1}{8}$										$\frac{1}{8}$									
5										4										3									
4										3										2									
3										2										1									
$\frac{2}{8}$										$\frac{1}{8}$										$\frac{1}{8}$									
5										4										3									
4										3										2									
3										2										1									
$\frac{2}{8}$										$\frac{1}{8}$										$\frac{1}{8}$									
5										4										3									
4										3										2									
3										2										1									
$\frac{2}{8}$										$\frac{1}{8}$										$\frac{1}{8}$									
5										4										3									
4										3										2									
3										2										1									
$\frac{2}{8}$										$\frac{1}{8}$										$\frac{1}{8}$									
5										4										3									
4										3										2									
3										2										1									
$\frac{2}{8}$										$\frac{1}{8}$										$\frac{1}{8}$									
5										4										3									
4										3										2									
3										2										1									
$\frac{2}{8}$										$\frac{1}{8}$										$\frac{1}{8}$									
5										4										3									
4										3										2									
3										2										1									
$\frac{2}{8}$										$\frac{1}{8}$										$\frac{1}{8}$									
5										4										3									
4										3										2									
3										2										1									
$\frac{2}{8}$										$\frac{1}{8}$										$\frac{1}{8}$									
5										4										3									
4										3										2									
3										2										1									
$\frac{2}{8}$										$\frac{1}{8}$										$\frac{1}{8}$									
5										4										3									
4										3										2									
3										2										1									
$\frac{2}{8}$										$\frac{1}{8}$										$\frac{1}{8}$									
5										4										3									
4										3										2									
3										2										1									
$\frac{2}{8}$										$\frac{1}{8}$										$\frac{1}{8}$									
5										4										3									
4										3										2									
3										2										1									
$\frac{2}{8}$										$\frac{1}{8}$										$\frac{1}{8}$									
5										4										3									
4										3										2									
3										2										1									
$\frac{2}{8}$																													

Donleige		Zaditer																Zolle																					
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$																					
6	0	795.62	397.81	318.25	238.68	159.12	79.56	39.78	29.84	19.89	9.94	4.97	3.98	2.98	1.99	0.99	0.50	0.25	60																				
	5	795.49	397.75	318.20	238.65	159.10	79.55	39.77	29.83	19.89	9.94	4.97	3.98	2.98	1.99	0.99	0.50	0.25	55																				
	10	795.37	397.68	318.15	238.61	159.07	79.54	39.77	29.83	19.88	9.94	4.97	3.98	2.98	1.99	0.99	0.50	0.25	50																				
	15	795.24	397.62	318.10	238.57	159.05	79.52	39.76	29.82	19.88	9.94	4.97	3.98	2.98	1.99	0.99	0.50	0.25	45																				
	20	795.12	397.56	318.05	238.53	159.02	79.51	39.76	29.82	19.88	9.94	4.97	3.98	2.98	1.99	0.99	0.50	0.25	40																				
	25	794.99	397.49	317.99	238.50	159.00	79.50	39.75	29.81	19.87	9.94	4.97	3.97	2.98	1.99	0.99	0.50	0.25	35																				
	30	794.86	397.43	317.94	238.46	158.97	79.49	39.74	29.81	19.87	9.94	4.97	3.97	2.98	1.99	0.99	0.50	0.25	30																				
	35	794.72	397.36	317.89	238.42	158.94	79.47	39.74	29.80	19.87	9.93	4.97	3.97	2.98	1.99	0.99	0.50	0.25	25																				
	40	794.59	397.29	317.84	238.38	158.92	79.46	39.73	29.80	19.86	9.93	4.97	3.97	2.98	1.99	0.99	0.50	0.25	20																				
	45	794.45	397.23	317.78	238.34	158.89	79.44	39.72	29.79	19.86	9.93	4.96	3.97	2.98	1.99	0.99	0.50	0.25	15																				
	50	794.32	397.16	317.73	238.29	158.86	79.43	39.72	29.79	19.86	9.93	4.96	3.97	2.98	1.99	0.99	0.50	0.25	10																				
	55	794.18	397.09	317.67	238.25	158.84	79.42	39.71	29.78	19.85	9.93	4.96	3.97	2.98	1.98	0.99	0.50	0.25	5																				
	60	794.04	397.02	317.61	238.21	158.81	79.40	39.70	29.78	19.85	9.92	4.96	3.97	2.98	1.98	0.99	0.50	0.25	0																				
7	0	794.04	397.02	317.61	238.21	158.81	79.40	39.70	29.78	19.85	9.92	4.96	3.97	2.98	1.98	0.99	0.50	0.25	60																				
	5	793.89	396.95	317.56	238.17	158.78	79.39	39.69	29.77	19.85	9.92	4.96	3.97	2.98	1.98	0.99	0.50	0.25	55																				
	10	793.75	396.87	317.50	238.12	158.75	79.37	39.69	29.77	19.84	9.92	4.96	3.97	2.98	1.98	0.99	0.50	0.25	50																				
	15	793.60	396.80	317.44	238.08	158.72	79.36	39.68	29.76	19.84	9.92	4.96	3.97	2.98	1.98	0.99	0.50	0.25	45																				
	20	793.46	396.73	317.38	238.04	158.69	79.35	39.67	29.75	19.84	9.92	4.96	3.97	2.97	1.98	0.99	0.50	0.25	40																				
	25	793.31	396.65	317.32	237.99	158.66	79.33	39.66	29.75	19.83	9.92	4.96	3.97	2.97	1.98	0.99	0.50	0.25	35																				
	30	793.16	396.58	317.26	237.95	158.63	79.32	39.66	29.74	19.83	9.91	4.96	3.97	2.97	1.98	0.99	0.50	0.25	30																				
	35	793.00	396.50	317.20	237.90	158.60	79.30	39.65	29.74	19.82	9.91	4.96	3.96	2.97	1.98	0.99	0.50	0.25	25																				
	40	792.85	396.42	317.14	237.85	158.57	79.28	39.64	29.73	19.82	9.91	4.95	3.96	2.97	1.98	0.99	0.50	0.25	20																				
	45	792.69	396.35	317.08	237.81	158.54	79.27	39.63	29.73	19.82	9.91	4.95	3.96	2.97	1.98	0.99	0.49	0.25	15																				
	50	792.53	396.27	317.01	237.76	158.51	79.25	39.63	29.72	19.81	9.91	4.95	3.96	2.97	1.98	0.99	0.49	0.25	10																				
	55	792.38	396.19	316.95	237.71	158.47	79.24	39.62	29.71	19.81	9.90	4.95	3.96	2.97	1.98	0.99	0.49	0.25	5																				
	60	792.21	396.11	316.89	237.66	158.44	79.22	39.61	29.71	19.80	9.90	4.95	3.96	2.97	1.98	0.99	0.49	0.25	0																				
	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$		82																				
Zaditer																				Zolle																			
																				Donleige																			

Sohle

Donleige		Lachter																Golle							
Gr. M.		10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$							
8	0	792.21	396.11	316.89	237.66	158.44	79.22	39.61	29.71	19.80	9.90	4.95	3.96	2.97	1.98	0.99	0.49	0.25	60						
	5	792.05	396.03	316.82	237.62	158.41	79.20	39.60	29.70	19.80	9.90	4.95	3.96	2.97	1.98	0.99	0.49	0.25	55						
	10	791.89	395.94	316.75	237.57	158.38	79.19	39.59	29.70	19.80	9.90	4.95	3.96	2.97	1.98	0.99	0.49	0.25	50						
	15	791.72	395.86	316.69	237.52	158.34	79.17	39.59	29.69	19.79	9.90	4.95	3.96	2.97	1.98	0.99	0.49	0.25	45						
	20	791.55	395.78	316.62	237.47	158.31	79.15	39.58	29.68	19.79	9.89	4.95	3.96	2.97	1.98	0.99	0.49	0.25	40						
	25	791.38	395.69	316.55	237.41	158.28	79.14	39.57	29.68	19.78	9.89	4.95	3.96	2.97	1.98	0.99	0.49	0.25	35						
	30	791.21	395.61	316.48	237.36	158.24	79.12	39.56	29.67	19.78	9.89	4.94	3.96	2.97	1.98	0.99	0.49	0.25	30						
	35	791.04	395.52	316.42	237.31	158.21	79.10	39.55	29.66	19.78	9.89	4.94	3.95	2.97	1.98	0.99	0.49	0.25	25						
	40	790.86	395.43	316.35	237.26	158.17	79.09	39.54	29.66	19.77	9.89	4.94	3.95	2.97	1.98	0.99	0.49	0.25	20						
	45	790.69	395.34	316.28	237.21	158.14	79.07	39.53	29.65	19.77	9.88	4.94	3.95	2.96	1.98	0.99	0.49	0.25	15						
	50	790.51	395.26	316.20	237.15	158.10	79.05	39.53	29.64	19.76	9.88	4.94	3.95	2.96	1.98	0.99	0.49	0.25	10						
	55	790.33	395.17	316.13	237.10	158.07	79.03	39.52	29.64	19.76	9.88	4.94	3.95	2.96	1.98	0.99	0.49	0.25	5						
	60	790.15	395.07	316.06	237.04	158.03	79.01	39.51	29.63	19.75	9.88	4.94	3.95	2.96	1.97	0.99	0.49	0.25	0						
9	0	790.15	395.07	316.06	237.04	158.03	79.01	39.51	29.63	19.75	9.88	4.94	3.95	2.96	1.97	0.99	0.49	0.25	60						
	5	789.97	394.98	315.99	236.99	157.99	79.00	39.50	29.62	19.75	9.87	4.94	3.95	2.96	1.97	0.99	0.49	0.25	55						
	10	789.78	394.89	315.91	236.93	157.96	78.98	39.49	29.62	19.74	9.87	4.94	3.95	2.96	1.97	0.99	0.49	0.25	50						
	15	789.60	394.80	315.84	236.88	157.92	78.96	39.48	29.61	19.74	9.87	4.93	3.95	2.96	1.97	0.99	0.49	0.25	45						
	20	789.41	394.70	315.76	236.82	157.88	78.94	39.47	29.60	19.73	9.87	4.93	3.95	2.96	1.97	0.99	0.49	0.25	40						
	25	789.22	394.61	315.69	236.77	157.84	78.92	39.46	29.60	19.73	9.86	4.93	3.95	2.96	1.97	0.99	0.49	0.25	35						
	30	789.03	394.51	315.61	236.71	157.81	78.90	39.45	29.59	19.73	9.86	4.93	3.94	2.96	1.97	0.99	0.49	0.25	30						
	35	788.84	394.42	315.53	236.65	157.77	78.88	39.44	29.58	19.72	9.86	4.93	3.94	2.96	1.97	0.99	0.49	0.25	25						
	40	788.64	394.32	315.46	236.59	157.73	78.86	39.43	29.57	19.72	9.86	4.93	3.94	2.96	1.97	0.99	0.49	0.25	20						
	45	788.44	394.22	315.38	236.53	157.69	78.84	39.42	29.57	19.71	9.86	4.93	3.94	2.96	1.97	0.99	0.49	0.25	15						
	50	788.25	394.12	315.30	236.47	157.65	78.82	39.41	29.56	19.71	9.85	4.93	3.94	2.96	1.97	0.98	0.49	0.25	10						
	55	788.05	394.02	315.22	236.41	157.61	78.80	39.40	29.55	19.70	9.85	4.92	3.94	2.95	1.97	0.98	0.49	0.25	5						
	60	787.85	393.92	315.14	236.35	157.57	78.78	39.39	29.54	19.70	9.85	4.92	3.94	2.95	1.97	0.98	0.49	0.25	0						
		10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$							
		Lachter																Golle							

Donlegge		Zachte													Golle												
Gr.	Mr.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$									
10	0	787.85	393.92	315.14	236.35	157.57	78.78	39.39	29.54	19.70	9.85	4.92	3.94	2.95	1.97	0.98	0.49	0.25	60								
	5	787.64	393.82	315.06	236.29	157.53	78.76	39.38	29.54	19.69	9.85	4.92	3.94	2.95	1.97	0.98	0.49	0.25	55								
	10	787.44	393.72	314.98	236.23	157.49	78.74	39.37	29.53	19.69	9.84	4.92	3.94	2.95	1.97	0.98	0.49	0.25	50								
	15	787.23	393.62	314.89	236.17	157.45	78.72	39.36	29.52	19.68	9.84	4.92	3.94	2.95	1.97	0.98	0.49	0.25	45								
	20	787.02	393.51	314.81	236.11	157.40	78.70	39.35	29.51	19.68	9.84	4.92	3.93	2.95	1.97	0.98	0.49	0.25	40								
	25	786.81	393.41	314.73	236.04	157.36	78.68	39.34	29.51	19.67	9.83	4.92	3.93	2.95	1.97	0.98	0.49	0.25	35								
	30	786.60	393.30	314.64	235.98	157.32	78.66	39.33	29.50	19.66	9.83	4.92	3.93	2.95	1.97	0.98	0.49	0.25	30								
	35	786.39	393.20	314.56	235.92	157.28	78.64	39.32	29.49	19.66	9.83	4.91	3.93	2.95	1.97	0.98	0.49	0.25	25								
	40	786.18	393.09	314.47	235.85	157.23	78.62	39.31	29.48	19.65	9.83	4.91	3.93	2.95	1.96	0.98	0.49	0.25	20								
	45	785.96	392.98	314.38	235.79	157.19	78.60	39.30	29.47	19.65	9.82	4.91	3.93	2.95	1.96	0.98	0.49	0.25	15								
	50	785.74	392.87	314.30	235.72	157.15	78.57	39.29	29.46	19.64	9.82	4.91	3.93	2.95	1.96	0.98	0.49	0.25	10								
	55	785.52	392.76	314.21	235.66	157.10	78.55	39.28	29.46	19.64	9.82	4.91	3.93	2.95	1.96	0.98	0.49	0.24	5								
	60	785.30	392.65	314.12	235.59	157.06	78.53	39.26	29.45	19.63	9.82	4.91	3.93	2.94	1.96	0.98	0.49	0.24	0								
11	0	785.30	392.65	314.12	235.59	157.06	78.53	39.26	29.45	19.63	9.82	4.91	3.93	2.94	1.96	0.98	0.49	0.24	60								
	5	785.08	392.54	314.03	235.52	157.02	78.51	39.25	29.44	19.63	9.81	4.91	3.92	2.94	1.96	0.98	0.49	0.24	55								
	10	784.85	392.43	313.94	235.46	156.97	78.48	39.24	29.43	19.62	9.81	4.90	3.92	2.94	1.96	0.98	0.49	0.24	50								
	15	784.63	392.31	313.85	235.39	156.93	78.46	39.23	29.42	19.62	9.81	4.90	3.92	2.94	1.96	0.98	0.49	0.24	45								
	20	784.40	392.20	313.76	235.32	156.88	78.44	39.22	29.41	19.61	9.80	4.90	3.92	2.94	1.96	0.98	0.49	0.24	40								
	25	784.17	392.08	313.67	235.25	156.83	78.42	39.21	29.41	19.60	9.80	4.90	3.92	2.94	1.96	0.98	0.49	0.24	35								
	30	783.94	391.97	313.58	235.18	156.79	78.39	39.20	29.40	19.60	9.80	4.90	3.92	2.94	1.96	0.98	0.49	0.24	30								
	35	783.71	391.85	313.48	235.11	156.74	78.37	39.18	29.39	19.59	9.80	4.90	3.92	2.94	1.96	0.98	0.49	0.24	25								
	40	783.47	391.74	313.39	235.04	156.69	78.35	39.17	29.38	19.59	9.79	4.90	3.92	2.94	1.96	0.98	0.49	0.24	20								
	45	783.24	391.62	313.29	234.97	156.65	78.32	39.16	29.37	19.58	9.79	4.89	3.92	2.94	1.96	0.98	0.49	0.24	15								
	50	783.00	391.50	313.20	234.90	156.60	78.30	39.15	29.36	19.57	9.79	4.89	3.91	2.94	1.96	0.98	0.49	0.24	10								
	55	782.76	391.38	313.10	234.83	156.55	78.28	39.14	29.35	19.57	9.78	4.89	3.91	2.93	1.96	0.98	0.49	0.24	5								
	60	782.52	391.26	313.01	234.75	156.50	78.25	39.13	29.34	19.56	9.78	4.89	3.91	2.93	1.96	0.98	0.49	0.24	0								
																			78								
	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$		Gr.								
																			Donlegge								

Sohle

Donleige		Ladter										Selle									
Gr. M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{8}$	$\frac{1}{8}$				
12	0	782.52	391.26	313.01	234.75	156.50	78.25	39.13	29.34	19.56	9.78	4.89	3.91	2.93	1.96	0.98	0.49	0.24	60		
	5	782.27	391.14	312.91	234.68	156.45	78.23	39.11	29.33	19.56	9.78	4.89	3.91	2.93	1.96	0.98	0.49	0.24	55		
	10	782.03	391.01	312.81	234.61	156.41	78.20	39.10	29.33	19.55	9.77	4.89	3.91	2.93	1.95	0.98	0.49	0.24	50		
	15	781.78	390.89	312.71	234.53	156.36	78.18	39.09	29.32	19.54	9.77	4.89	3.91	2.93	1.95	0.98	0.49	0.24	45		
	20	781.54	390.77	312.61	234.46	156.31	78.15	39.08	29.31	19.54	9.77	4.88	3.91	2.93	1.95	0.98	0.49	0.24	40		
	25	781.29	390.64	312.51	234.39	156.26	78.13	39.06	29.30	19.53	9.77	4.88	3.91	2.93	1.95	0.98	0.49	0.24	35		
	30	781.04	390.52	312.41	234.31	156.21	78.10	39.05	29.29	19.53	9.76	4.88	3.90	2.93	1.95	0.98	0.49	0.24	30		
13	35	780.78	390.39	312.31	234.23	156.16	78.08	39.04	29.28	19.52	9.76	4.88	3.90	2.93	1.95	0.98	0.49	0.24	25		
	40	780.53	390.26	312.21	234.16	156.11	78.05	39.03	29.27	19.51	9.76	4.88	3.90	2.93	1.95	0.98	0.49	0.24	20		
	45	780.27	390.14	312.11	234.08	156.05	78.03	39.01	29.26	19.51	9.75	4.88	3.90	2.93	1.95	0.97	0.49	0.24	15		
	50	780.02	390.01	312.01	234.00	156.00	78.00	39.00	29.25	19.50	9.75	4.87	3.90	2.92	1.95	0.97	0.49	0.24	10		
	55	779.76	389.88	311.90	233.93	155.95	77.98	38.99	29.24	19.49	9.75	4.87	3.90	2.92	1.95	0.97	0.49	0.24	5		
	60	779.50	389.75	311.80	233.85	155.90	77.95	38.97	29.23	19.49	9.74	4.87	3.90	2.92	1.95	0.97	0.49	0.24	0		
	77																				
14	0	779.50	389.75	311.80	233.85	155.90	77.95	38.97	29.23	19.49	9.74	4.87	3.90	2.92	1.95	0.97	0.49	0.24	60		
	5	779.23	389.62	311.69	233.77	155.85	77.92	38.96	29.22	19.48	9.74	4.87	3.90	2.92	1.95	0.97	0.49	0.24	55		
	10	778.97	389.48	311.59	233.69	155.79	77.90	38.95	29.21	19.47	9.74	4.87	3.89	2.92	1.95	0.97	0.49	0.24	50		
	15	778.70	389.35	311.48	233.61	155.74	77.87	38.93	29.20	19.47	9.73	4.87	3.89	2.92	1.95	0.97	0.49	0.24	45		
	20	778.44	389.22	311.37	233.53	155.69	77.84	38.92	29.19	19.46	9.73	4.86	3.89	2.92	1.95	0.97	0.49	0.24	40		
	25	778.17	389.08	311.27	233.45	155.63	77.82	38.91	29.18	19.45	9.73	4.86	3.89	2.92	1.94	0.97	0.49	0.24	35		
	30	777.90	388.95	311.16	233.37	155.58	77.79	38.89	29.17	19.45	9.72	4.86	3.89	2.92	1.94	0.97	0.49	0.24	30		
15	35	777.62	388.81	311.05	233.29	155.52	77.76	38.88	29.16	19.44	9.72	4.86	3.89	2.92	1.94	0.97	0.49	0.24	25		
	40	777.35	388.67	310.94	233.20	155.47	77.73	38.87	29.15	19.43	9.72	4.86	3.89	2.91	1.94	0.97	0.49	0.24	20		
	45	777.07	388.54	310.83	233.12	155.41	77.71	38.85	29.14	19.43	9.71	4.86	3.88	2.91	1.94	0.97	0.49	0.24	15		
	50	776.80	388.40	310.72	233.04	155.36	77.68	38.84	29.13	19.42	9.71	4.85	3.88	2.91	1.94	0.97	0.48	0.24	10		
	55	776.52	388.26	310.61	232.95	155.30	77.65	38.83	29.12	19.41	9.71	4.85	3.88	2.91	1.94	0.97	0.48	0.24	5		
	60	776.24	388.12	310.49	232.87	155.25	77.62	38.81	29.11	19.41	9.70	4.85	3.88	2.91	1.94	0.97	0.48	0.24	0		
	76																				
10		5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{8}$	$\frac{1}{8}$	Gr.	Donleige		

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Mr.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{32}$	$\frac{1}{64}$	$\frac{1}{128}$	$\frac{1}{256}$	$\frac{1}{512}$	$\frac{1}{1024}$	$\frac{1}{2048}$	$\frac{1}{4096}$	$\frac{1}{8192}$	$\frac{1}{16384}$	$\frac{1}{32768}$	$\frac{1}{65536}$	$\frac{1}{131072}$	$\frac{1}{262144}$	$\frac{1}{524288}$	$\frac{1}{1048576}$	$\frac{1}{2097152}$	$\frac{1}{4194304}$	$\frac{1}{8388608}$	$\frac{1}{16777216}$	$\frac{1}{33554432}$	$\frac{1}{67108864}$	$\frac{1}{134217728}$	$\frac{1}{268435456}$	$\frac{1}{536870912}$	$\frac{1}{1073741824}$	$\frac{1}{2147483648}$	$\frac{1}{4294967296}$	$\frac{1}{8589934592}$	$\frac{1}{17179869184}$	$\frac{1}{34359738368}$	$\frac{1}{68719476736}$	$\frac{1}{137438953472}$	$\frac{1}{274877906944}$	$\frac{1}{549755813888}$	$\frac{1}{1099511627776}$	$\frac{1}{2199023255552}$	$\frac{1}{4398046511104}$	$\frac{1}{8796093022208}$	$\frac{1}{17592186044416}$	$\frac{1}{35184372088832}$	$\frac{1}{70368744177664}$	$\frac{1}{140737488355328}$	$\frac{1}{281474976710656}$	$\frac{1}{562949953421312}$	$\frac{1}{1125899906842624}$	$\frac{1}{2251799813685248}$	$\frac{1}{4503599627370496}$	$\frac{1}{9007199254740992}$	$\frac{1}{18014398509481984}$	$\frac{1}{36028797018963968}$	$\frac{1}{72057594037927936}$	$\frac{1}{144115188075855872}$	$\frac{1}{288230376151711744}$	$\frac{1}{576460752303423488}$	$\frac{1}{1152921504606846976}$	$\frac{1}{2305843009213693952}$	$\frac{1}{4611686018427387904}$	$\frac{1}{9223372036854775808}$	$\frac{1}{18446744073709551616}$	$\frac{1}{36893488147419103232}$	$\frac{1}{73786976294838206464}$	$\frac{1}{147573952589676412928}$	$\frac{1}{295147905179352825856}$	$\frac{1}{590295810358705651712}$	$\frac{1}{1180591620717411303424}$	$\frac{1}{2361183241434822606848}$	$\frac{1}{4722366482869645213696}$	$\frac{1}{9444732965739290427392}$	$\frac{1}{18889465931478580854784}$	$\frac{1}{37778931862957161709568}$	$\frac{1}{75557863725914323419136}$	$\frac{1}{151115727451828646838272}$	$\frac{1}{302231454903657293676544}$	$\frac{1}{604462909807314587353088}$	$\frac{1}{1208925819614629174706176}$	$\frac{1}{2417851639229258349412352}$	$\frac{1}{4835703278458516698824704}$	$\frac{1}{9671406556917033397649408}$	$\frac{1}{19342813113834066795298816}$	$\frac{1}{38685626227668133590597632}$	$\frac{1}{77371252455336267181195264}$	$\frac{1}{154742504910672534362390528}$	$\frac{1}{309485009821345068724781056}$	$\frac{1}{618970019642690137449562112}$	$\frac{1}{1237940039285380274899124224}$	$\frac{1}{2475880078570760549798248448}$	$\frac{1}{4951760157141521099596496896}$	$\frac{1}{9903520314283042199192993792}$	$\frac{1}{19807040628566084398385987584}$	$\frac{1}{39614081257132168796771975168}$	$\frac{1}{79228162514264337593543950336}$	$\frac{1}{158456325028528675187087900672}$	$\frac{1}{316912650057057350374175801344}$	$\frac{1}{633825300114114700748351602688}$	$\frac{1}{1267650600228229401496703205376}$	$\frac{1}{2535301200456458802993406410752}$	$\frac{1}{5070602400912917605986812821504}$	$\frac{1}{10141204801825835211973625643008}$	$\frac{1}{20282409603651670423947251286016}$	$\frac{1}{40564819207303340847894502572032}$	$\frac{1}{81129638414606681695789005144064}$	$\frac{1}{162259276829213363391578010288128}$	$\frac{1}{324518553658426726783156020576256}$	$\frac{1}{649037107316853453566312041152512}$	$\frac{1}{1298074214633706907132624082305024}$	$\frac{1}{2596148429267413814265248164610048}$	$\frac{1}{5192296858534827628530496329220096}$	$\frac{1}{10384593717069655257060992658440192}$	$\frac{1}{20769187434139310514121985316880384}$	$\frac{1}{41538374868278621028243970633760768}$	$\frac{1}{83076749736557242056487941267521536}$	$\frac{1}{166153499473114484112975882535043072}$	$\frac{1}{332306998946228968225951765070086144}$	$\frac{1}{664613997892457936451903530140172288}$	$\frac{1}{1329227995784915872903807060280344576}$	$\frac{1}{2658455991569831745807614120560689152}$	$\frac{1}{5316911983139663491615228241121378304}$	$\frac{1}{10633823966279326983230456482242756608}$	$\frac{1}{21267647932558653966460912964485513216}$	$\frac{1}{42535295865117307932921825928971026432}$	$\frac{1}{85070591730234615865843651857942052864}$	$\frac{1}{170141183460469231731687303715884105728}$	$\frac{1}{340282366920938463463374607431768211456}$	$\frac{1}{680564733841876926926749214863536422912}$	$\frac{1}{1361129467683753853853498429727072845824}$	$\frac{1}{2722258935367507707706996859454145691648}$	$\frac{1}{5444517870735015415413993718908291383296}$	$\frac{1}{10889035741470030830827987437816582766592}$	$\frac{1}{21778071482940061661655974875633165533184}$	$\frac{1}{43556142965880123323311949751266331066368}$	$\frac{1}{87112285931760246646623899502532662132736}$	$\frac{1}{174224571863520493293247799005065324265472}$	$\frac{1}{348449143727040986586495598010130648530944}$	$\frac{1}{696898287454081973172991196020261297061888}$	$\frac{1}{1393796574908163946345982392040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Donlegel										Zadpter										Solle									
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Donleuge		Zachter																Sohle	
Gr. M.		10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	
20	0	751.75	375.88	300.70	225.53	150.35	75.17	37.59	28.19	18.79	9.40	4.70	3.76	2.82	1.88	0.94	0.47	0.23	60
	5	751.35	375.68	300.54	225.41	150.27	75.14	37.57	28.18	18.78	9.39	4.70	3.76	2.82	1.88	0.94	0.47	0.23	55
	10	750.95	375.48	300.38	225.29	150.19	75.09	37.55	28.16	18.77	9.39	4.69	3.75	2.82	1.88	0.94	0.47	0.23	50
	15	750.55	375.28	300.22	225.17	150.11	75.05	37.53	28.15	18.76	9.38	4.69	3.75	2.81	1.88	0.94	0.47	0.23	45
	20	750.15	375.07	300.06	225.04	150.03	75.01	37.51	28.13	18.75	9.38	4.69	3.75	2.81	1.87	0.94	0.47	0.23	40
	25	749.74	374.87	299.90	224.92	149.95	74.97	37.49	28.11	18.74	9.37	4.69	3.75	2.81	1.87	0.94	0.47	0.23	35
	30	749.34	374.67	299.73	224.80	149.87	74.93	37.47	28.10	18.73	9.37	4.68	3.75	2.81	1.87	0.94	0.47	0.23	30
	35	748.93	374.46	299.57	224.68	149.79	74.89	37.45	28.08	18.72	9.36	4.68	3.74	2.81	1.87	0.94	0.47	0.23	25
	40	748.52	374.26	299.41	224.56	149.70	74.85	37.43	28.07	18.71	9.36	4.68	3.74	2.81	1.87	0.94	0.47	0.23	20
	45	748.11	374.05	299.24	224.43	149.62	74.81	37.40	28.05	18.70	9.35	4.68	3.74	2.80	1.87	0.93	0.47	0.23	15
	50	747.69	373.85	299.08	224.31	149.54	74.77	37.38	28.04	18.69	9.35	4.67	3.74	2.80	1.87	0.93	0.47	0.23	10
	55	747.28	373.64	298.91	224.18	149.46	74.73	37.36	28.02	18.68	9.34	4.67	3.74	2.80	1.87	0.93	0.47	0.23	5
	60	746.86	373.43	298.75	224.06	149.37	74.69	37.34	28.01	18.67	9.34	4.67	3.73	2.80	1.87	0.93	0.47	0.23	0
21	0	746.86	373.43	298.75	224.06	149.37	74.69	37.34	28.01	18.67	9.34	4.67	3.73	2.80	1.87	0.93	0.47	0.23	60
	5	746.45	373.22	298.58	223.93	149.29	74.64	37.32	27.99	18.66	9.33	4.66	3.73	2.80	1.87	0.93	0.47	0.23	55
	10	746.03	373.01	298.41	223.81	149.20	74.60	37.30	27.98	18.65	9.32	4.66	3.73	2.80	1.86	0.93	0.47	0.23	50
	15	745.61	372.80	298.24	223.68	149.12	74.56	37.28	27.96	18.64	9.32	4.66	3.73	2.80	1.86	0.93	0.47	0.23	45
	20	745.18	372.59	298.07	223.55	149.04	74.52	37.26	27.94	18.63	9.31	4.66	3.73	2.79	1.86	0.93	0.47	0.23	40
	25	744.76	372.38	297.90	223.43	148.95	74.48	37.24	27.93	18.62	9.31	4.65	3.72	2.79	1.86	0.93	0.46	0.23	35
	30	744.33	372.17	297.73	223.30	148.87	74.43	37.22	27.91	18.61	9.30	4.65	3.72	2.79	1.86	0.93	0.46	0.23	30
	35	743.91	371.95	297.56	223.17	148.78	74.39	37.19	27.90	18.60	9.30	4.65	3.72	2.79	1.86	0.93	0.46	0.23	25
	40	743.48	371.74	297.39	223.04	148.70	74.35	37.17	27.88	18.59	9.29	4.65	3.72	2.79	1.86	0.93	0.46	0.23	20
	45	743.05	371.52	297.22	222.91	148.61	74.30	37.15	27.86	18.58	9.29	4.64	3.71	2.79	1.86	0.93	0.46	0.23	15
	50	742.62	371.31	297.05	222.78	148.52	74.26	37.13	27.85	18.56	9.28	4.64	3.71	2.78	1.86	0.93	0.46	0.23	10
	55	742.18	371.09	296.87	222.65	148.44	74.22	37.11	27.83	18.55	9.28	4.64	3.71	2.78	1.85	0.93	0.46	0.23	5
	60	741.75	370.87	296.70	222.52	148.35	74.17	37.09	27.82	18.54	9.27	4.64	3.71	2.78	1.85	0.93	0.46	0.23	0
22	0	741.75	370.87	296.70	222.52	148.35	74.17	37.09	27.82	18.54	9.27	4.64	3.71	2.78	1.85	0.93	0.46	0.23	68
		Zachter																Sohle	
		10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	Gr. M.

Seigerteuffe

Sohle

Donleige										Zachter										Sohle																			
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$		Gr.	M.	10	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$										
22	0	741.75	370.87	296.70	222.52	148.35	74.17	37.09	27.82	18.54	9.27	4.64	3.71	2.78	1.85	0.93	0.46	0.23	60	22	0	741.75	370.87	296.70	222.52	148.35	74.17	37.09	27.82	18.54	9.27	4.64	3.71	2.78	1.85	0.93	0.46	0.23	60
	5	741.31	370.65	296.52	222.39	148.26	74.13	37.07	27.80	18.53	9.27	4.63	3.71	2.78	1.85	0.93	0.46	0.23	55		5	741.31	370.65	296.52	222.39	148.26	74.13	37.07	27.80	18.53	9.27	4.63	3.71	2.78	1.85	0.93	0.46	0.23	55
	10	740.87	370.44	296.35	222.26	148.17	74.09	37.04	27.78	18.52	9.26	4.63	3.71	2.78	1.85	0.93	0.46	0.23	50		10	740.87	370.44	296.35	222.26	148.17	74.09	37.04	27.78	18.52	9.26	4.63	3.71	2.78	1.85	0.93	0.46	0.23	50
	15	740.43	370.22	296.17	222.13	148.09	74.04	37.02	27.77	18.51	9.25	4.63	3.70	2.78	1.85	0.93	0.46	0.23	45		15	740.43	370.22	296.17	222.13	148.09	74.04	37.02	27.77	18.51	9.25	4.63	3.70	2.78	1.85	0.93	0.46	0.23	45
	20	739.99	370.00	296.00	222.00	148.00	74.00	37.00	27.75	18.50	9.25	4.62	3.70	2.77	1.85	0.92	0.46	0.23	40		20	739.99	370.00	296.00	222.00	148.00	74.00	37.00	27.75	18.50	9.25	4.62	3.70	2.77	1.85	0.92	0.46	0.23	40
	25	739.55	369.77	295.82	221.86	147.91	73.95	36.98	27.73	18.49	9.24	4.62	3.70	2.77	1.85	0.92	0.46	0.23	35		25	739.55	369.77	295.82	221.86	147.91	73.95	36.98	27.73	18.49	9.24	4.62	3.70	2.77	1.85	0.92	0.46	0.23	35
	30	739.10	369.55	295.64	221.73	147.82	73.91	36.95	27.72	18.48	9.24	4.62	3.70	2.77	1.85	0.92	0.46	0.23	30		30	739.10	369.55	295.64	221.73	147.82	73.91	36.95	27.72	18.48	9.24	4.62	3.70	2.77	1.85	0.92	0.46	0.23	30
	35	738.66	369.33	295.46	221.60	147.73	73.87	36.93	27.70	18.47	9.23	4.62	3.69	2.77	1.85	0.92	0.46	0.23	25		35	738.66	369.33	295.46	221.60	147.73	73.87	36.93	27.70	18.47	9.23	4.62	3.69	2.77	1.85	0.92	0.46	0.23	25
	40	738.21	369.10	295.28	221.46	147.64	73.82	36.91	27.68	18.45	9.23	4.61	3.69	2.77	1.85	0.92	0.46	0.23	20		40	738.21	369.10	295.28	221.46	147.64	73.82	36.91	27.68	18.45	9.23	4.61	3.69	2.77	1.85	0.92	0.46	0.23	20
	45	737.76	368.88	295.10	221.33	147.55	73.78	36.89	27.67	18.44	9.22	4.61	3.69	2.77	1.84	0.92	0.46	0.23	15		45	737.76	368.88	295.10	221.33	147.55	73.78	36.89	27.67	18.44	9.22	4.61	3.69	2.77	1.84	0.92	0.46	0.23	15
23	50	737.31	368.65	294.92	221.19	147.46	73.73	36.87	27.65	18.43	9.22	4.61	3.69	2.76	1.84	0.92	0.46	0.23	10	23	50	737.31	368.65	294.92	221.19	147.46	73.73	36.87	27.65	18.43	9.22	4.61	3.69	2.76	1.84	0.92	0.46	0.23	10
	55	736.86	368.43	294.74	221.06	147.37	73.69	36.84	27.63	18.42	9.21	4.60	3.68	2.76	1.84	0.92	0.46	0.23	5		55	736.86	368.43	294.74	221.06	147.37	73.69	36.84	27.63	18.42	9.21	4.60	3.68	2.76	1.84	0.92	0.46	0.23	5
	60	736.40	368.20	294.56	220.92	147.28	73.64	36.82	27.61	18.41	9.20	4.60	3.68	2.76	1.84	0.92	0.46	0.23	0		60	736.40	368.20	294.56	220.92	147.28	73.64	36.82	27.61	18.41	9.20	4.60	3.68	2.76	1.84	0.92	0.46	0.23	0
	0	736.40	368.20	294.56	220.92	147.28	73.64	36.82	27.61	18.41	9.20	4.60	3.68	2.76	1.84	0.92	0.46	0.23	60		0	736.40	368.20	294.56	220.92	147.28	73.64	36.82	27.61	18.41	9.20	4.60	3.68	2.76	1.84	0.92	0.46	0.23	60
	5	735.95	367.97	294.38	220.78	147.19	73.59	36.80	27.60	18.40	9.20	4.60	3.68	2.76	1.84	0.92	0.46	0.23	55		5	735.95	367.97	294.38	220.78	147.19	73.59	36.80	27.60	18.40	9.20	4.60	3.68	2.76	1.84	0.92	0.46	0.23	55
	10	735.49	367.75	294.20	220.65	147.10	73.55	36.77	27.58	18.39	9.19	4.60	3.68	2.76	1.84	0.92	0.46	0.23	50		10	735.49	367.75	294.20	220.65	147.10	73.55	36.77	27.58	18.39	9.19	4.60	3.68	2.76	1.84	0.92	0.46	0.23	50
	15	735.03	367.52	294.01	220.51	147.01	73.50	36.75	27.56	18.38	9.19	4.59	3.67	2.76	1.84	0.92	0.46	0.23	45		15	735.03	367.52	294.01	220.51	147.01	73.50	36.75	27.56	18.38	9.19	4.59	3.67	2.76	1.84	0.92	0.46	0.23	45
	20	734.57	367.29	293.83	220.37	146.91	73.46	36.73	27.55	18.36	9.18	4.59	3.67	2.75	1.84	0.92	0.46	0.23	40		20	734.57	367.29	293.83	220.37	146.91	73.46	36.73	27.55	18.36	9.18	4.59	3.67	2.75	1.84	0.92	0.46	0.23	40
	25	734.11	367.06	293.64	220.23	146.82	73.41	36.71	27.53	18.35	9.18	4.59	3.67	2.75	1.83	0.92	0.46	0.23	35		25	734.11	367.06	293.64	220.23	146.82	73.41	36.71	27.53	18.35	9.18	4.59	3.67	2.75	1.83	0.92	0.46	0.23	35
	30	733.65	366.82	293.46	220.09	146.73	73.36	36.68	27.51	18.34	9.17	4.58	3.67	2.75	1.83	0.92	0.46	0.23	30		30	733.65	366.82	293.46	220.09	146.73	73.36	36.68	27.51	18.34	9.17	4.58	3.67	2.75	1.83	0.92	0.46	0.23	30
24	35	733.18	366.59	293.27	219.95	146.64	73.32	36.66	27.49	18.33	9.16	4.58	3.67	2.75	1.83	0.92	0.46	0.23	25	24	35	733.18	366.59	293.27	219.95	146.64	73.32	36.66	27.49	18.33	9.16	4.58	3.67	2.75	1.83	0.92	0.46	0.23	25
	40	732.72	366.36	293.09	219.81	146.54	73.27	36.64	27.48	18.32	9.16	4.58	3.66	2.75	1.83	0.92	0.46	0.23	20		40	732.72	366.36	293.09	219.81	146.54	73.27	36.64	27.48	18.32	9.16	4.58	3.66	2.75	1.83	0.92	0.46	0.23	20
	45	732.25	366.12	292.90	219.67	146.45	73.22	36.61	27.46	18.31	9.15	4.58	3.66	2.75	1.83	0.91	0.46	0.23	15		45	732.25	366.12	292.90	219.67	146.45	73.22	36.61	27.46	18.31	9.15	4.58	3.66	2.75	1.83	0.91	0.46	0.23	15
	50	731.78	365.89	292.71	219.53	146.36	73.18	36.59	27.44	18.29	9.15	4.57	3.66	2.74	1.83	0.91	0.46	0.23	10		50	731.78	365.89	292.71	219.53	146.36	73.18	36.59	27.44	18.29	9.15	4.57	3.66	2.74	1.83	0.91	0.46	0.23	10
	55	731.31	365.65	292.52	219.39	146.26	73.13	36.56	27.42	18.28	9.14	4.57	3.66	2.74	1.83	0.91	0.46	0.23	5		55	731.31	365.65	292.52	219.39	146.26	73.13	36.56	27.42	18.28	9.14	4.57	3.66						

Sohle

Donleqe		Zadter																Golle															
Gr. M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$																
24																																	
0	730.84	365.42	292.33	219.15	146.17	73.08	36.54	27.41	18.27	9.13	4.57	3.65	2.74	1.83	0.91	0.46	0.23	60															
5	730.36	365.18	292.14	219.11	146.07	73.04	36.52	27.39	18.26	9.13	4.56	3.65	2.74	1.83	0.91	0.46	0.23	55															
10	729.89	364.94	291.95	218.97	145.98	72.99	36.49	27.37	18.25	9.12	4.56	3.65	2.74	1.82	0.91	0.46	0.23	50															
15	729.41	364.70	291.76	218.82	145.88	72.94	36.47	27.35	18.23	9.12	4.56	3.65	2.73	1.82	0.91	0.46	0.23	45															
20	728.93	364.46	291.57	218.68	145.79	72.89	36.45	27.33	18.22	9.11	4.56	3.64	2.73	1.82	0.91	0.46	0.23	40															
25	728.45	364.22	291.38	218.53	145.69	72.84	36.42	27.32	18.21	9.11	4.55	3.64	2.73	1.82	0.91	0.45	0.23	35															
30	727.97	363.98	291.19	218.39	145.59	72.80	36.40	27.30	18.20	9.10	4.55	3.64	2.73	1.82	0.91	0.45	0.23	30															
35	727.49	363.74	290.99	218.25	145.50	72.75	36.37	27.28	18.19	9.09	4.55	3.64	2.73	1.82	0.91	0.45	0.23	25															
40	727.00	363.50	290.80	218.10	145.40	72.70	36.35	27.26	18.17	9.09	4.54	3.63	2.73	1.82	0.91	0.45	0.23	20															
45	726.51	363.26	290.61	217.95	145.30	72.65	36.33	27.24	18.16	9.08	4.54	3.63	2.72	1.82	0.91	0.45	0.23	15															
50	726.03	363.01	290.41	217.81	145.20	72.60	36.30	27.23	18.15	9.07	4.54	3.63	2.72	1.81	0.91	0.45	0.23	10															
55	725.54	362.77	290.21	217.66	145.11	72.55	36.28	27.21	18.14	9.07	4.53	3.63	2.72	1.81	0.91	0.45	0.23	5															
60	725.05	362.52	290.02	217.51	145.01	72.50	36.25	27.19	18.13	9.06	4.53	3.62	2.72	1.81	0.91	0.45	0.23	0															

65

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25																			
0	725.05	362.52	290.02	217.51	145.01	72.50	36.25	27.19	18.13	9.06	4.53	3.62	2.72	1.81	0.91	0.45	0.23	60	
5	724.55	362.28	289.82	217.37	144.91	72.45	36.23	27.17	18.11	9.06	4.53	3.62	2.72	1.81	0.91	0.45	0.23	55	
10	724.06	362.03	289.62	217.22	144.81	72.41	36.20	27.15	18.10	9.05	4.52	3.62	2.71	1.81	0.90	0.45	0.23	50	
15	723.56	361.78	289.43	217.07	144.71	72.36	36.18	27.13	18.09	9.04	4.52	3.62	2.71	1.81	0.90	0.45	0.23	45	
20	723.07	361.53	289.23	216.92	144.61	72.31	36.15	27.11	18.08	9.04	4.52	3.61	2.71	1.81	0.90	0.45	0.23	40	
25	722.57	361.28	289.03	216.77	144.51	72.26	36.13	27.10	18.06	9.03	4.52	3.61	2.71	1.81	0.90	0.45	0.23	35	
30	722.07	361.03	288.83	216.62	144.41	72.21	36.10	27.08	18.05	9.03	4.51	3.61	2.71	1.80	0.90	0.45	0.23	30	
35	721.57	360.78	288.63	216.47	144.31	72.16	36.08	27.06	18.04	9.02	4.51	3.61	2.71	1.80	0.90	0.45	0.22	25	
40	721.06	360.53	288.42	216.32	144.21	72.11	36.05	27.04	18.03	9.01	4.51	3.60	2.70	1.80	0.90	0.45	0.22	20	
45	720.56	360.28	288.22	216.17	144.11	72.06	36.03	27.02	18.01	9.01	4.50	3.60	2.70	1.80	0.90	0.45	0.22	15	
50	720.05	360.03	288.02	216.02	144.01	72.00	36.00	27.00	18.00	9.00	4.50	3.60	2.70	1.80	0.90	0.45	0.22	10	
55	719.54	359.77	287.82	215.86	143.91	71.95	35.98	26.98	17.99	8.99	4.50	3.60	2.70	1.80	0.90	0.45	0.22	5	
60	719.03	359.52	287.61	215.71	143.81	71.90	35.95	26.96	17.98	8.99	4.49	3.59	2.70	1.80	0.90	0.45	0.22	0	
																			64
10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	M. Gr.		
Zadter																			Donleqe

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Gr. 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0	706.36	353.18	282.54	211.91	141.27	70.64	35.32	26.49	17.66	8.83	4.41	3.53	2.65	1.77	0.88	0.44	0.22	60
5	705.81	352.91	282.32	211.74	141.16	70.58	35.29	26.47	17.64	8.82	4.41	3.53	2.65	1.76	0.88	0.44	0.22	55
10	705.26	352.63	282.10	211.58	141.05	70.53	35.26	26.45	17.63	8.82	4.41	3.53	2.64	1.76	0.88	0.44	0.22	50
15	704.71	352.36	281.88	211.41	140.94	70.47	35.24	26.43	17.62	8.81	4.40	3.52	2.64	1.76	0.88	0.44	0.22	45
20	704.16	352.08	281.66	211.25	140.83	70.42	35.21	26.41	17.60	8.80	4.40	3.52	2.64	1.76	0.88	0.44	0.22	40
25	703.61	351.80	281.44	211.08	140.72	70.36	35.18	26.38	17.59	8.79	4.40	3.52	2.64	1.76	0.88	0.44	0.22	35
30	703.05	351.53	281.22	210.92	140.61	70.30	35.15	26.36	17.58	8.79	4.39	3.51	2.64	1.76	0.88	0.44	0.22	30
35	702.50	351.25	281.00	210.75	140.50	70.25	35.12	26.34	17.56	8.78	4.39	3.51	2.63	1.76	0.88	0.44	0.22	25
40	701.94	350.97	280.78	210.58	140.39	70.19	35.10	26.32	17.55	8.77	4.39	3.51	2.63	1.75	0.88	0.44	0.22	20
45	701.38	350.69	280.55	210.41	140.28	70.14	35.07	26.30	17.53	8.77	4.38	3.51	2.63	1.75	0.88	0.44	0.22	15
50	700.82	350.41	280.33	210.25	140.16	70.08	35.04	26.28	17.52	8.76	4.38	3.50	2.63	1.75	0.88	0.44	0.22	10
55	700.26	350.13	280.10	210.08	140.05	70.03	35.01	26.26	17.51	8.75	4.38	3.50	2.63	1.75	0.87	0.44	0.22	5
60	699.70	349.85	279.88	209.91	139.94	69.97	34.98	26.24	17.49	8.75	4.37	3.50	2.62	1.75	0.87	0.44	0.22	0

61

29

0	699.70	349.85	279.88	209.91	139.94	69.97	34.98	26.24	17.49	8.75	4.37	3.50	2.62	1.75	0.87	0.44	0.22	60
5	699.13	349.56	279.65	209.74	139.83	69.91	34.96	26.22	17.48	8.74	4.37	3.50	2.62	1.75	0.87	0.44	0.22	55
10	698.56	349.28	279.43	209.57	139.71	69.86	34.93	26.20	17.46	8.73	4.37	3.49	2.62	1.75	0.87	0.44	0.22	50
15	698.00	349.00	279.20	209.40	139.60	69.80	34.90	26.17	17.45	8.72	4.36	3.49	2.62	1.74	0.87	0.44	0.22	45
20	697.43	348.71	278.97	209.23	139.49	69.74	34.87	26.15	17.44	8.72	4.36	3.49	2.61	1.74	0.87	0.44	0.22	40
25	696.86	348.43	278.74	209.06	139.37	69.69	34.84	26.13	17.42	8.71	4.35	3.48	2.61	1.74	0.87	0.44	0.22	35
30	696.28	348.14	278.51	208.88	139.26	69.63	34.81	26.11	17.41	8.70	4.35	3.48	2.61	1.74	0.87	0.43	0.22	30
35	695.71	347.85	278.28	208.71	139.14	69.57	34.79	26.09	17.39	8.70	4.35	3.48	2.61	1.74	0.87	0.43	0.22	25
40	695.14	347.57	278.05	208.54	139.03	69.51	34.76	26.07	17.38	8.69	4.34	3.48	2.61	1.74	0.87	0.43	0.22	20
45	694.56	347.28	277.82	208.37	138.91	69.46	34.73	26.05	17.36	8.68	4.34	3.47	2.60	1.74	0.87	0.43	0.22	15
50	693.98	346.99	277.59	208.19	138.80	69.40	34.70	26.02	17.35	8.67	4.34	3.47	2.60	1.73	0.87	0.43	0.22	10
55	693.40	346.70	277.36	208.02	138.68	69.34	34.67	26.00	17.33	8.67	4.33	3.47	2.60	1.73	0.87	0.43	0.22	5
60	692.82	346.41	277.13	207.85	138.56	69.28	34.64	25.98	17.32	8.66	4.33	3.46	2.60	1.73	0.87	0.43	0.22	0

Seigerteuffe

Sachter

Solle

Donleuge

10 5 4 3 2 1 $\frac{4}{8}$ $\frac{3}{8}$ $\frac{2}{8}$ $\frac{1}{8}$ 5 4 3 2 1 $\frac{2}{4}$ $\frac{1}{4}$

Gr. M.

Sohle

Donleige										Ladter										Sohle									
Gr. Nr.																													

S

Seigerteuffe

Donlege										Ladter										Sohle									
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$											
34																													
0	663.23	331.61	265.29	198.97	132.65	66.32	33.16	24.87	16.58	8.29	4.14	3.32	2.49	1.66	0.83	0.41	0.21												
5	662.58	331.29	265.03	198.77	132.52	66.26	33.13	24.85	16.56	8.28	4.14	3.31	2.48	1.66	0.83	0.41	0.21												
10	661.93	330.96	264.77	198.58	132.38	66.19	33.10	24.82	16.55	8.27	4.14	3.31	2.48	1.65	0.83	0.41	0.21												
15	661.27	330.64	264.51	198.38	132.25	66.13	33.06	24.80	16.53	8.27	4.13	3.31	2.48	1.65	0.83	0.41	0.21												
20	660.62	330.31	264.25	198.18	132.12	66.06	33.03	24.77	16.51	8.26	4.13	3.30	2.48	1.65	0.83	0.41	0.21												
25	659.96	329.98	263.98	197.99	131.99	66.00	33.00	24.75	16.50	8.25	4.12	3.30	2.47	1.65	0.82	0.41	0.21												
30	659.30	329.65	263.72	197.79	131.86	65.93	32.96	24.72	16.48	8.24	4.12	3.30	2.47	1.65	0.82	0.41	0.21												
35	658.64	329.32	263.46	197.59	131.73	65.86	32.93	24.70	16.47	8.23	4.12	3.29	2.47	1.65	0.82	0.41	0.21												
40	657.98	328.99	263.19	197.39	131.60	65.80	32.90	24.67	16.45	8.22	4.11	3.29	2.47	1.64	0.82	0.41	0.21												
45	657.32	328.66	262.93	197.19	131.46	65.73	32.87	24.65	16.43	8.22	4.11	3.29	2.46	1.64	0.82	0.41	0.20												
50	656.65	328.33	262.66	197.00	131.33	65.66	32.83	24.62	16.42	8.21	4.10	3.28	2.46	1.64	0.82	0.41	0.20												
55	655.99	327.99	262.39	196.80	131.20	65.60	32.80	24.60	16.40	8.20	4.10	3.28	2.46	1.64	0.82	0.41	0.20												
60	655.32	327.66	262.13	196.60	131.06	65.53	32.77	24.57	16.38	8.19	4.10	3.28	2.46	1.64	0.82	0.41	0.20												
35																													
0	655.32	327.66	262.13	196.60	131.06	65.53	32.77	24.57	16.38	8.19	4.10	3.28	2.46	1.64	0.82	0.41	0.20												
5	654.65	327.33	261.86	196.40	130.93	65.46	32.73	24.55	16.37	8.18	4.09	3.27	2.45	1.64	0.82	0.41	0.20												
10	653.98	326.99	261.59	196.19	130.80	65.40	32.70	24.52	16.35	8.17	4.09	3.27	2.45	1.63	0.82	0.41	0.20												
15	653.31	326.66	261.32	195.99	130.66	65.33	32.67	24.50	16.33	8.17	4.08	3.27	2.45	1.63	0.82	0.41	0.20												
20	652.64	326.32	261.06	195.79	130.53	65.26	32.63	24.47	16.32	8.16	4.08	3.26	2.45	1.63	0.82	0.41	0.20												
25	651.97	325.98	260.79	195.59	130.39	65.20	32.60	24.45	16.30	8.15	4.07	3.26	2.44	1.63	0.81	0.41	0.20												
30	651.29	325.65	260.52	195.39	130.26	65.13	32.56	24.42	16.28	8.14	4.07	3.26	2.44	1.63	0.81	0.41	0.20												
35	650.62	325.31	260.25	195.18	130.12	65.06	32.53	24.40	16.26	8.13	4.07	3.25	2.44	1.63	0.81	0.41	0.20												
40	649.94	324.97	259.97	194.98	129.99	64.99	32.50	24.37	16.25	8.12	4.06	3.25	2.44	1.62	0.81	0.41	0.20												
45	649.26	324.63	259.70	194.78	129.85	64.93	32.46	24.35	16.23	8.12	4.06	3.25	2.43	1.62	0.81	0.41	0.20												
50	648.58	324.29	259.43	194.57	129.72	64.86	32.43	24.32	16.21	8.11	4.05	3.24	2.43	1.62	0.81	0.40	0.20												
55	647.90	323.95	259.16	194.37	129.58	64.79	32.39	24.30	16.20	8.10	4.05	3.24	2.43	1.62	0.81	0.40	0.20												
60	647.21	323.61	258.88	194.16	129.44	64.72	32.36	24.27	16.18	8.09	4.04	3.24	2.43	1.62	0.81	0.40	0.20												
										Ladter										Sohle									
10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$													
										Donlege																			

Sohle

Donlege		Zachter												Sohle											
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$							
36																									
0	647.21	323.61	258.88	194.16	129.44	64.72	32.36	24.27	16.18	8.09	4.04	3.24	2.43	1.62	0.81	0.40	0.20	60							
5	646.53	323.26	258.61	193.96	129.31	64.65	32.33	24.24	16.16	8.08	4.04	3.23	2.42	1.62	0.81	0.40	0.20	55							
10	645.84	322.92	258.34	193.75	129.17	64.58	32.29	24.22	16.15	8.07	4.04	3.23	2.42	1.61	0.81	0.40	0.20	50							
15	645.16	322.58	258.06	193.55	129.03	64.52	32.26	24.19	16.13	8.06	4.03	3.23	2.42	1.61	0.81	0.40	0.20	45							
20	644.47	322.23	257.79	193.34	128.89	64.45	32.22	24.17	16.11	8.06	4.03	3.22	2.42	1.61	0.81	0.40	0.20	40							
25	643.78	321.89	257.51	193.13	128.75	64.38	32.19	24.14	16.09	8.05	4.02	3.22	2.41	1.61	0.80	0.40	0.20	35							
30	643.09	321.54	257.23	192.93	128.62	64.31	32.15	24.12	16.08	8.04	4.02	3.21	2.41	1.61	0.80	0.40	0.20	30							
35	642.39	321.20	256.96	192.72	128.48	64.24	32.12	24.09	16.06	8.03	4.01	3.21	2.41	1.61	0.80	0.40	0.20	25							
40	641.70	320.85	256.68	192.51	128.34	64.17	32.08	24.06	16.04	8.02	4.01	3.21	2.41	1.60	0.80	0.40	0.20	20							
45	641.00	320.50	256.40	192.30	128.20	64.10	32.05	24.04	16.02	8.01	4.01	3.20	2.40	1.60	0.80	0.40	0.20	15							
50	640.31	320.15	256.12	192.09	128.06	64.03	32.01	24.01	16.01	8.00	4.00	3.20	2.40	1.60	0.80	0.40	0.20	10							
55	639.61	319.80	255.84	191.88	127.92	63.96	31.98	23.98	15.99	7.99	4.00	3.20	2.40	1.60	0.80	0.40	0.20	5							
60	638.91	319.45	255.56	191.67	127.78	63.89	31.94	23.96	15.97	7.99	3.99	3.19	2.40	1.60	0.80	0.40	0.20	0							
53																									
37																									
0	638.91	319.45	255.56	191.67	127.78	63.89	31.94	23.96	15.97	7.99	3.99	3.19	2.40	1.60	0.80	0.40	0.20	60							
5	638.21	319.10	255.28	191.46	127.64	63.82	31.91	23.93	15.95	7.98	3.99	3.19	2.39	1.60	0.80	0.40	0.20	55							
10	637.50	318.75	255.00	191.25	127.50	63.75	31.87	23.91	15.94	7.97	3.98	3.19	2.39	1.59	0.80	0.40	0.20	50							
15	636.80	318.40	254.72	191.04	127.36	63.68	31.84	23.88	15.92	7.96	3.98	3.18	2.39	1.59	0.80	0.40	0.20	45							
20	636.10	318.05	254.44	190.83	127.22	63.61	31.80	23.85	15.90	7.95	3.98	3.18	2.38	1.59	0.79	0.40	0.20	40							
25	635.39	317.69	254.16	190.62	127.08	63.54	31.77	23.83	15.88	7.94	3.97	3.18	2.38	1.59	0.79	0.40	0.20	35							
30	634.68	317.34	253.87	190.40	126.94	63.47	31.73	23.80	15.87	7.93	3.97	3.17	2.38	1.59	0.79	0.40	0.20	30							
35	633.97	316.99	253.59	190.19	126.79	63.40	31.70	23.77	15.85	7.92	3.96	3.17	2.38	1.58	0.79	0.40	0.20	25							
40	633.26	316.63	253.30	189.98	126.65	63.33	31.66	23.75	15.83	7.92	3.96	3.17	2.37	1.58	0.79	0.40	0.20	20							
45	632.55	316.28	253.02	189.77	126.51	63.25	31.63	23.72	15.81	7.91	3.95	3.16	2.37	1.58	0.79	0.39	0.20	15							
50	631.84	315.92	252.73	189.55	126.37	63.18	31.59	23.69	15.80	7.90	3.95	3.16	2.37	1.58	0.79	0.39	0.20	10							
55	631.12	315.56	252.45	189.34	126.22	63.11	31.56	23.67	15.78	7.89	3.94	3.16	2.37	1.58	0.79	0.39	0.20	5							
60	630.41	315.20	252.16	189.12	126.08	63.04	31.52	23.64	15.76	7.88	3.94	3.15	2.36	1.58	0.79	0.39	0.20	0							
52																									
Gr.																									
Zachter																									
Sohle																									
Donlege																									

Donleige		Zachter																Golle															
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$															
38	0	630.41	315.20	252.16	189.12	126.08	63.04	31.52	23.64	15.76	7.88	3.94	3.15	2.36	1.58	0.79	0.39	0.20	60														
	5	629.69	314.85	251.88	188.91	125.94	62.97	31.48	23.61	15.74	7.87	3.94	3.15	2.36	1.57	0.79	0.39	0.20	55														
	10	628.97	314.49	251.59	188.69	125.79	62.90	31.45	23.59	15.72	7.86	3.93	3.14	2.36	1.57	0.79	0.39	0.20	50														
	15	628.25	314.13	251.30	188.48	125.65	62.82	31.41	23.56	15.71	7.85	3.93	3.14	2.36	1.57	0.78	0.39	0.20	45														
	20	627.53	313.77	251.01	188.26	125.51	62.75	31.38	23.53	15.69	7.84	3.92	3.14	2.35	1.57	0.78	0.39	0.20	40														
	25	626.81	313.40	250.72	188.04	125.36	62.68	31.34	23.50	15.67	7.83	3.92	3.13	2.35	1.57	0.78	0.39	0.20	35														
	30	626.09	313.04	250.43	187.83	125.22	62.61	31.30	23.48	15.65	7.83	3.91	3.13	2.35	1.56	0.78	0.39	0.20	30														
39	5	625.36	312.68	250.14	187.61	125.07	62.54	31.27	23.45	15.63	7.82	3.91	3.13	2.34	1.56	0.78	0.39	0.19	25														
	10	624.63	312.32	249.85	187.39	124.93	62.46	31.23	23.42	15.62	7.81	3.90	3.12	2.34	1.56	0.78	0.39	0.19	20														
	15	623.91	311.95	249.56	187.17	124.78	62.39	31.19	23.40	15.60	7.80	3.90	3.12	2.34	1.56	0.78	0.39	0.19	15														
	20	623.18	311.59	249.27	186.95	124.64	62.32	31.16	23.37	15.58	7.79	3.89	3.12	2.34	1.56	0.78	0.39	0.19	10														
	25	622.45	311.22	248.98	186.73	124.49	62.24	31.12	23.34	15.56	7.78	3.89	3.11	2.33	1.56	0.78	0.39	0.19	5														
	30	621.72	310.86	248.69	186.51	124.34	62.17	31.09	23.31	15.54	7.77	3.89	3.11	2.33	1.55	0.78	0.39	0.19	0														
	35	621.00	310.49	248.39	186.29	124.20	62.10	31.05	23.29	15.52	7.76	3.88	3.10	2.33	1.55	0.78	0.39	0.19	5														
40	10	620.25	310.12	248.10	186.07	124.05	62.02	31.01	23.26	15.51	7.75	3.88	3.10	2.33	1.55	0.77	0.39	0.19	50														
	15	619.51	309.76	247.81	185.85	123.90	61.95	30.98	23.23	15.49	7.74	3.87	3.10	2.32	1.55	0.77	0.39	0.19	45														
	20	618.78	309.39	247.51	185.63	123.75	61.88	30.94	23.20	15.47	7.73	3.87	3.09	2.32	1.55	0.77	0.39	0.19	40														
	25	618.04	309.02	247.22	185.41	123.61	61.80	30.90	23.18	15.45	7.72	3.86	3.09	2.32	1.54	0.77	0.39	0.19	35														
	30	617.30	308.65	246.92	185.19	123.46	61.73	30.86	23.15	15.43	7.72	3.86	3.09	2.31	1.54	0.77	0.39	0.19	30														
	35	616.56	308.28	246.62	184.97	123.31	61.66	30.83	23.12	15.41	7.71	3.85	3.08	2.31	1.54	0.77	0.38	0.19	25														
	40	615.82	307.91	246.33	184.74	123.16	61.58	30.79	23.09	15.39	7.70	3.85	3.08	2.31	1.54	0.77	0.38	0.19	20														
45	45	615.07	307.54	246.03	184.52	123.01	61.51	30.75	23.06	15.38	7.69	3.84	3.07	2.31	1.54	0.77	0.38	0.19	15														
	50	614.33	307.16	245.73	184.30	122.87	61.43	30.72	23.04	15.36	7.68	3.84	3.07	2.30	1.54	0.77	0.38	0.19	10														
	55	613.58	306.79	245.43	184.07	122.72	61.36	30.68	23.01	15.34	7.67	3.83	3.07	2.30	1.53	0.77	0.38	0.19	5														
	60	612.84	306.42	245.13	183.85	122.57	61.28	30.64	22.98	15.32	7.66	3.83	3.06	2.30	1.53	0.77	0.38	0.19	0														
	5	612.10	306.05	244.83	183.63	122.42	61.21	30.61	22.96	15.30	7.65	3.82	3.05	2.29	1.53	0.77	0.38	0.19	50														
	10	611.36	305.68	244.53	183.41	122.27	61.13	30.58	22.94	15.28	7.64	3.81	3.04	2.29	1.53	0.77	0.38	0.19	45														
	15	610.62	305.31	244.23	183.19	122.12	61.06	30.55	22.92	15.26	7.63	3.80	3.03	2.28	1.53	0.77	0.38	0.19	40														
50	20	610.00	305.00	244.00	183.00	122.00	61.00	30.50	22.90	15.25	7.62	3.80	3.03	2.28	1.53	0.77	0.38	0.19	35														
	25	609.38	304.69	243.71	182.79	121.83	60.81	30.43	22.87	15.23	7.61	3.79	3.02	2.27	1.53	0.77	0.38	0.19	30														
	30	608.76	304.38	243.42	182.58	121.66	60.64	30.36	22.85	15.21	7.60	3.78	3.01	2.27	1.53	0.77	0.38	0.19	25														
	35	608.14	304.07	243.13	182.37	121.49	60.47	30.29	22.83	15.19	7.59	3.77	3.00	2.26	1.53	0.77	0.38	0.19	20														
	40	607.52	303.76	242.84	182.16	121.32	60.30	30.22	22.81	15.17	7.58	3.76	2.99	2.26	1.53	0.77	0.38	0.19	15														
	45	606.90	303.45	242.55	181.95	121.15	60.13	30.15	22.79	15.15	7.57	3.75	2.98	2.25	1.53	0.77	0.38	0.19	10														
	50	606.28	303.14	242.26	181.74	120.98	60.00	30.08	22.77	15.13	7.56	3.74	2.97	2.25	1.53	0.77	0.38	0.19	5														
55	55	605.66	302.83	241.97	181.53	120.81	59.83	30.01	22.75	15.11	7.55	3.73	2.96	2.24	1.53	0.77	0.38	0.19	0														
	60	605.04	302.52	241.68	181.32	120.64	59.66	29.94	22.73	15.09	7.54	3.72	2.95	2.24	1.53	0.77	0.38	0.19	50														
	5	604.42	302.21	241.39	181.11	120.47	59.49	29.87	22.71	15.07	7.53	3.71	2.94	2.23	1.53	0.77	0.38	0.19	45														
	10	603.80	301.90	241.10	180.90	120.30	59.32	29.80	22.69	15.05	7.52	3.70	2.93	2.23	1.53	0.77	0.38	0.19	40														
	15	603.18	301.59	240.81	180.69	120.13	59.15	29.73	22.67	15.03	7.51	3.69	2.92	2.22	1.53	0.77	0.38	0.19	35														
	20	602.56	301.28	240.52	180.48	120.00	59.00	29.66	22.65	15.01	7.50	3.68	2.91	2.22	1.53	0.77	0.38	0.19	30														
	25	601.94	300.97	240.23	180.27	119.83	58.83	29.59	22.63	14.99	7.49	3.67	2.90	2.21	1.53	0.77	0.38	0.19	25														
60	30	601.32	300.66	239.94	180.06	119.66	58.66	29.52	22.61	14.97	7.48	3.66	2.90	2.21	1.53	0.77	0.38	0.19	20														
	35	600.70	300.35	239.65	179.85	119.49	58.49	29.45	22.59	14.95	7.47	3.65	2.89	2.20	1.53	0.77	0.38	0.19	15														
	40	600.08	300.04	239.36	179.64	119.32	58.32	29.38	22.57	14.93	7.46	3.64	2.88	2.20	1.53	0.77	0.38	0.19	10														
	45	599.46	299.73	239.07	179.43	119.15	58.15	29.31	22.55	14.91	7.45	3.63	2.87	2.19	1.53	0.77	0.38	0.19	5														
	50	598.84	299.42	238.78	179.22	118.98	58.00	29.24	22.53	14.89	7.44	3.62	2.86	2.19	1.53	0.77	0.38	0.19	0														
	55	598.22	299.11	238.49	179.01	118.81	57.83	29.17	22.51	14.87	7.43	3.61	2.85	2.18	1.53	0.77	0.38	0.19	50														
	60	597.60	298.80	238.20	178.80	118.64	57.66	29.10	22.49	14.85	7.42	3.60	2.84	2.18	1.53	0.77	0.38	0.19	45														
65	5	596.98	298.49	237.91	178.59	118.47	57.49	29.03	22.47	14.83	7.41	3.59	2.83	2.17	1.53	0.77	0.38	0.19	40														
	10	596.36	298.18	237.62	178.38	118.30	57.32	28.96	22.45	14.81	7.40	3.58	2.82	2.17	1.53	0.77	0.38	0.19	35														
	15	595.74	297.87	237.33	178.17	118.13	57.15	28.89	22.43	14.79	7.39	3.57	2.81	2.16	1.53	0.77	0.38	0.19	30														
	20	595.12	297.56	237.04	177.96	117.96	57.00	28.82	22.41	14.77	7.38	3.56	2.80	2.16	1.53	0.77	0.38	0.19	25														
	25	594.50	297.25	236.75	177.75	117.79	56.83	28.75	22.39	14.75	7.37	3.55	2.79	2.15	1.53	0.77	0.38	0.19	20														
	30	593.88	296.94	236.46	177.54	117.62	56.66	28.68	22.37	14.73	7.36	3.54	2.78	2.15	1.53	0.77	0.38	0.19	15														
	35	593.26	296.63	236.17	177.33	117.45	56.50	28.61	22.35	14.71	7.35	3.53	2.77	2.14	1.53	0.77	0.38	0.19	10														
70	40	592.64	296.32	235.88	177.12	117.28	56.33	28.54	22.33	14.69	7.34	3.52	2.76	2.14	1.53	0.77	0.38	0.19	5														
	45	592.02	296.01	235.59	176.91	117.11	56.16	28.47	22.31	14.67	7.33	3.51	2.75	2.13	1.53	0.77	0.38	0.19	0														
	50	591.40	295.70	235.30	176.70	116.94	56.00	28.40	22.29	14.65	7.32	3.50	2.74	2.13	1.53	0.77	0.38	0.19	50														
	55	590.78	295.39	235.01	176.49	116.77	55.83	28.33	22.27	14.63	7.31	3.49	2.73	2.12	1.53	0.77	0.38	0.19	45														
	60	590.16	295.08	234.72	176.28	116.60	55.66	28.26	22.25	14.61	7.30	3.48	2.72	2.12	1.53	0.77	0.38	0.19	40														
	5	589.54	294.77	234.43	176.07	116.43	55.50	28.19	22.23	14.59	7.29	3.47	2.71	2.11	1.53	0.77	0.38	0.19	35														
	10	588.92	294.46	234.14	175.86	116.26	55.33	28.12	22.21	14.57	7.28	3.46	2.70	2.11	1.53	0.77	0.38	0.19	30														
75	15	588.30	294.15	233.85	175.65	116.09	55.16	28.05	22.19	14.55	7.27	3.45	2.69	2.10	1.53	0.77	0.38	0.19	25														
	20	587.68	293.84	233.56	175.44	115.92	55.00	27.98	22.17	14.53	7.26	3.44	2.68	2.10	1.53	0.77	0.38	0.19	20														
	25	587.06	293.53	233.27	175.23	115.75	54																										

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Donlegge		Ladstev																			Golle	
Gr. Nr.		10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$				
40	0	612.84	306.42	245.13	183.85	122.57	61.28	30.64	22.98	15.32	7.66	3.83	3.06	2.30	1.53	0.77	0.38	0.19	60			
	5	612.09	306.04	244.83	183.63	122.42	61.21	30.60	22.95	15.30	7.65	3.83	3.06	2.29	1.53	0.76	0.38	0.19	55			
	10	611.34	305.67	244.53	183.40	122.27	61.13	30.57	22.92	15.28	7.64	3.82	3.06	2.29	1.53	0.76	0.38	0.19	50			
	15	610.59	305.29	244.23	183.18	122.12	61.06	30.53	22.90	15.26	7.63	3.82	3.05	2.29	1.53	0.76	0.38	0.19	45			
	20	609.83	304.92	243.93	182.95	121.97	60.98	30.49	22.87	15.25	7.62	3.81	3.05	2.29	1.52	0.76	0.38	0.19	40			
	25	609.08	304.54	243.63	182.72	121.82	60.91	30.45	22.84	15.23	7.61	3.81	3.04	2.28	1.52	0.76	0.38	0.19	35			
	30	608.32	304.16	243.33	182.50	121.66	60.83	30.42	22.81	15.21	7.60	3.80	3.04	2.28	1.52	0.76	0.38	0.19	30			
	35	607.57	303.78	243.03	182.27	121.51	60.76	30.38	22.78	15.19	7.59	3.80	3.04	2.28	1.52	0.76	0.38	0.19	25			
	40	606.81	303.40	242.72	182.04	121.36	60.68	30.34	22.75	15.17	7.58	3.79	3.03	2.28	1.52	0.76	0.38	0.19	20			
	45	606.05	303.03	242.42	181.82	121.21	60.60	30.30	22.73	15.15	7.58	3.79	3.03	2.27	1.51	0.76	0.38	0.19	15			
	50	605.29	302.65	242.12	181.59	121.06	60.53	30.26	22.70	15.13	7.57	3.78	3.03	2.27	1.51	0.76	0.38	0.19	10			
	55	604.53	302.26	241.81	181.36	120.91	60.45	30.23	22.67	15.11	7.56	3.78	3.02	2.27	1.51	0.76	0.38	0.19	5			
	60	603.77	301.88	241.51	181.13	120.75	60.38	30.19	22.64	15.09	7.55	3.77	3.02	2.26	1.51	0.75	0.38	0.19	0			
41	0	603.77	301.88	241.51	181.13	120.75	60.38	30.19	22.64	15.09	7.55	3.77	3.02	2.26	1.51	0.75	0.38	0.19	60			
	5	603.00	301.50	241.20	180.90	120.60	60.30	30.15	22.61	15.07	7.54	3.77	3.01	2.26	1.51	0.75	0.38	0.19	55			
	10	602.24	301.12	240.89	180.67	120.45	60.22	30.11	22.58	15.06	7.53	3.76	3.01	2.26	1.51	0.75	0.38	0.19	50			
	15	601.47	300.74	240.59	180.44	120.29	60.15	30.07	22.55	15.04	7.52	3.76	3.01	2.26	1.50	0.75	0.38	0.19	45			
	20	600.70	300.35	240.28	180.21	120.14	60.07	30.03	22.53	15.02	7.51	3.75	3.00	2.25	1.50	0.75	0.37	0.19	40			
	25	599.93	299.97	239.97	179.98	119.99	59.99	30.00	22.50	15.00	7.50	3.75	3.00	2.25	1.50	0.75	0.37	0.19	35			
	30	599.16	299.58	239.67	179.75	119.83	59.92	29.96	22.47	14.98	7.49	3.74	3.00	2.25	1.50	0.75	0.37	0.19	30			
	35	598.39	299.20	239.36	179.52	119.68	59.84	29.92	22.44	14.96	7.48	3.74	2.99	2.24	1.50	0.75	0.37	0.19	25			
	40	597.62	298.81	239.05	179.29	119.52	59.76	29.88	22.41	14.94	7.47	3.73	2.99	2.24	1.49	0.75	0.37	0.19	20			
	45	596.85	298.42	238.74	179.05	119.37	59.68	29.84	22.38	14.92	7.46	3.73	2.98	2.24	1.49	0.75	0.37	0.19	15			
	50	596.07	298.03	238.43	178.82	119.21	59.61	29.80	22.35	14.90	7.45	3.72	2.98	2.23	1.49	0.74	0.37	0.19	10			
	55	595.29	297.65	238.12	178.59	119.06	59.53	29.76	22.32	14.88	7.44	3.72	2.98	2.23	1.49	0.74	0.37	0.19	5			
	60	594.52	297.26	237.81	178.35	118.90	59.45	29.73	22.29	14.86	7.43	3.72	2.97	2.23	1.49	0.74	0.37	0.19	0			
48																						
	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$					

Donlegge										Sachter										Sohle																			
Gr. M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{8}$	$\frac{1}{8}$	0	Gr. M.	10	5	4	3	2	1	$\frac{2}{8}$	$\frac{1}{8}$	0											
42	0	594.52	297.26	237.81	178.35	118.90	59.45	29.73	22.29	14.86	7.43	3.72	2.97	2.23	1.49	0.74	0.37	0.19	60	47	585.08	292.54	234.03	175.52	117.02	58.51	29.25	21.94	14.63	7.31	3.66	2.92	2.19	1.46	0.73	0.37	0.18	60	
	5	593.74	296.87	237.49	178.12	118.75	59.37	29.69	22.26	14.84	7.42	3.71	2.97	2.23	1.48	0.74	0.37	0.19	55		584.29	292.14	233.72	175.29	116.86	58.43	29.21	21.91	14.61	7.30	3.65	2.92	2.19	1.46	0.73	0.36	0.18	55	
	10	592.96	296.48	237.18	177.89	118.59	59.30	29.65	22.24	14.82	7.41	3.71	2.96	2.22	1.48	0.74	0.37	0.18	50		583.49	291.75	233.40	175.05	116.70	58.35	29.17	21.88	14.59	7.29	3.65	2.92	2.19	1.46	0.73	0.36	0.18	50	
	15	592.17	296.09	236.87	177.65	118.43	59.22	29.61	22.21	14.80	7.40	3.70	2.96	2.22	1.48	0.74	0.37	0.18	45		582.70	291.35	233.08	174.81	116.54	58.27	29.13	21.85	14.57	7.28	3.64	2.91	2.18	1.46	0.73	0.36	0.18	45	
	20	591.39	295.70	236.56	177.42	118.28	59.14	29.57	22.18	14.78	7.39	3.70	2.96	2.22	1.48	0.74	0.37	0.18	40		581.90	290.95	232.76	174.57	116.38	58.19	29.09	21.82	14.55	7.27	3.64	2.91	2.18	1.45	0.73	0.36	0.18	40	
	25	590.61	295.30	236.24	177.18	118.12	59.06	29.53	22.15	14.76	7.38	3.69	2.95	2.21	1.48	0.74	0.37	0.18	35		581.10	290.55	232.44	174.33	116.22	58.11	29.05	21.79	14.53	7.26	3.63	2.90	2.18	1.45	0.73	0.36	0.18	35	
	30	589.82	294.91	235.93	176.95	117.96	58.98	29.49	22.12	14.75	7.37	3.69	2.95	2.21	1.47	0.74	0.37	0.18	30		580.30	290.15	232.12	174.09	116.06	58.03	29.01	21.76	14.51	7.25	3.63	2.90	2.18	1.45	0.72	0.36	0.18	30	
	35	589.03	294.52	235.61	176.71	117.81	58.90	29.45	22.09	14.73	7.36	3.68	2.94	2.21	1.47	0.74	0.37	0.18	25		579.50	289.75	231.80	173.85	115.90	57.95	28.97	21.73	14.49	7.24	3.62	2.90	2.17	1.45	0.72	0.36	0.18	25	
	40	588.25	294.12	235.30	176.47	117.65	58.82	29.41	22.06	14.71	7.35	3.68	2.94	2.21	1.47	0.73	0.37	0.18	20		578.69	289.35	231.48	173.61	115.74	57.87	28.93	21.70	14.47	7.23	3.62	2.89	2.17	1.45	0.72	0.36	0.18	20	
	45	587.46	293.73	234.98	176.24	117.49	58.73	29.37	22.03	14.69	7.34	3.67	2.94	2.20	1.47	0.73	0.37	0.18	15		577.89	288.95	231.16	173.37	115.58	57.79	28.89	21.67	14.45	7.22	3.61	2.89	2.17	1.44	0.72	0.36	0.18	15	
	50	586.67	293.33	234.67	176.00	117.33	58.67	29.33	22.00	14.67	7.33	3.67	2.93	2.20	1.47	0.73	0.37	0.18	10		577.09	288.54	230.83	173.13	115.42	57.71	28.85	21.64	14.43	7.21	3.61	2.88	2.16	1.44	0.72	0.36	0.18	10	
55	585.88	292.94	234.35	175.76	117.17	58.59	29.29	21.97	14.65	7.32	3.66	2.93	2.20	1.46	0.73	0.37	0.18	5	576.28		288.14	230.51	172.88	115.26	57.63	28.81	21.61	14.41	7.20	3.60	2.88	2.16	1.44	0.72	0.36	0.18	5		
60	585.08	292.54	234.03	175.52	117.02	58.51	29.25	21.94	14.63	7.31	3.66	2.92	2.19	1.46	0.73	0.37	0.18	0	575.47		287.74	230.19	172.64	115.09	57.55	28.77	21.58	14.39	7.19	3.60	2.88	2.16	1.44	0.72	0.36	0.18	0		
43	0	585.08	292.54	234.03	175.52	117.02	58.51	29.25	21.94	14.63	7.31	3.66	2.92	2.19	1.46	0.73	0.37	0.18	60		46	575.47	287.74	230.19	172.64	115.09	57.55	28.77	21.58	14.39	7.19	3.60	2.88	2.16	1.44	0.72	0.36	0.18	60
	5	584.29	292.14	233.72	175.29	116.86	58.43	29.21	21.91	14.61	7.30	3.65	2.92	2.19	1.46	0.73	0.36	0.18	55			574.67	287.34	229.88	172.40	114.91	57.47	28.73	21.54	14.37	7.18	3.59	2.87	2.15	1.43	0.71	0.35	0.17	55
	10	583.49	291.75	233.40	175.05	116.70	58.35	29.17	21.88	14.59	7.29	3.65	2.92	2.19	1.46	0.73	0.36	0.18	50			573.87	286.94	229.62	172.16	114.73	57.38	28.69	21.50	14.35	7.17	3.58	2.86	2.14	1.42	0.71	0.35	0.17	50
	15	582.70	291.35	233.08	174.81	116.54	58.27	29.13	21.85	14.57	7.28	3.64	2.91	2.18	1.46	0.73	0.36	0.18	45			573.07	286.54	229.40	171.92	114.55	57.29	28.65	21.46	14.33	7.16	3.57	2.85	2.13	1.41	0.70	0.34	0.17	45
	20	581.90	290.95	232.76	174.57	116.38	58.19	29.09	21.82	14.55	7.27	3.64	2.91	2.18	1.45	0.73	0.36	0.18	40			572.27	286.14	229.18	171.68	114.37	57.20	28.61	21.42	14.31	7.15	3.56	2.84	2.12	1.40	0.70	0.34	0.17	40
	25	581.10	290.55	232.44	174.33	116.22	58.11	29.05	21.79	14.53	7.26	3.63	2.90	2.18	1.45	0.73	0.36	0.18	35			571.48	285.74	228.98	171.48	114.19	57.12	28.57	21.39	14.29	7.14	3.55	2.83	2.11	1.39	0.69	0.33	0.16	35
	30	580.30	290.15	232.12	174.09	116.06	58.03	29.01	21.76	14.51	7.25	3.63	2.90	2.18	1.45	0.72	0.36	0.18	30			570.69	285.34	228.78	171.28	114.01	57.04	28.53	21.37	14.27	7.13	3.54	2.82	2.10	1.38	0.69	0.33	0.16	30
	35	579.50	289.75	231.80	173.85	115.90	57.95	28.97	21.73	14.49	7.24	3.62	2.90	2.17	1.45	0.72	0.36	0.18	25			569.50	284.95	228.58	171.08	113.83	56.95	28.49	21.35	14.25	7.12	3.53	2.81	2.09	1.37	0.68	0.32	0.15	25
	40	578.69	289.35	231.48	173.61	115.74	57.87	28.93	21.70	14.47	7.23	3.62	2.89	2.17	1.45	0.72	0.36	0.18	20			568.69	284.55	228.38	170.88	113.65	56.87	28.45	21.33	14.23	7.11	3.52	2.80	2.08	1.36	0.67	0.32	0.15	20
	45	577.89	288.95	231.16	173.37	115.58	57.79	28.89	21.67	14.45	7.22	3.61	2.89	2.17	1.44	0.72	0.36	0.18	15			567.89	284.15	228.18	170.68	113.47	56.79	28.41	21.31	14.21	7.10	3.51	2.79	2.07	1.35	0.66	0.31	0.14	15
	50	577.09	288.54	230.83	173.13	115.42	57.71	28.85	21.64	14.43	7.21	3.61	2.88	2.16	1.44	0.72	0.36	0.18	10			567.09	283.75	227.98	170.48	113.29	56.71	28.37	21.29	14.19	7.09	3.50	2.78	2.06	1.34	0.65	0.31	0.14	10
55	576.28	288.14	230.51	172.88	115.26	57.63	28.81	21.61	14.41	7.20	3.60	2.88	2.16	1.44	0.72	0.36	0.18	5	566.28			283.35	227.78	170.28	113.11	56.63	28.33	21.27	14.17	7.08	3.49	2.77	2.05	1.33	0.64	0.30	0.13	5	
60	575.47	287.74	230.19	172.64	115.09	57.55	28.77	21.58	14.39	7.19	3.60	2.88	2.16	1.44	0.72	0.36	0.																						

Seigerteuffe

Donleige		Zachter										Golle									
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{3}{4}$	$\frac{1}{4}$	Gr.		
46	0	555.73	277.86	222.29	166.72	111.14	55.57	27.79	20.84	13.89	6.95	3.47	2.78	2.08	1.39	0.69	0.35	0.17	60		
	5	554.89	277.44	221.96	166.47	110.98	55.49	27.74	20.81	13.87	6.94	3.47	2.77	2.08	1.39	0.69	0.35	0.17	55		
	10	554.05	277.02	221.62	166.21	110.81	55.40	27.70	20.78	13.85	6.93	3.46	2.77	2.08	1.38	0.69	0.35	0.17	50		
	15	553.21	276.60	221.28	165.96	110.64	55.32	27.66	20.74	13.83	6.91	3.46	2.77	2.07	1.38	0.69	0.35	0.17	45		
	20	552.37	276.18	220.95	165.71	110.47	55.24	27.62	20.71	13.81	6.90	3.45	2.76	2.07	1.38	0.69	0.34	0.17	40		
	25	551.53	275.76	220.61	165.46	110.30	55.15	27.58	20.68	13.79	6.89	3.45	2.76	2.07	1.38	0.69	0.34	0.17	35		
	30	550.68	275.34	220.27	165.20	110.14	55.07	27.53	20.65	13.77	6.88	3.44	2.75	2.06	1.38	0.69	0.34	0.17	30		
	35	549.84	274.92	219.94	164.95	109.97	54.98	27.49	20.62	13.75	6.87	3.44	2.75	2.06	1.37	0.69	0.34	0.17	25		
	40	548.99	274.50	219.60	164.70	109.80	54.90	27.45	20.59	13.72	6.86	3.43	2.74	2.06	1.37	0.69	0.34	0.17	20		
	45	548.15	274.07	219.26	164.44	109.63	54.81	27.41	20.55	13.70	6.85	3.43	2.74	2.06	1.37	0.68	0.34	0.17	15		
	50	547.30	273.65	218.92	164.19	109.46	54.73	27.36	20.52	13.68	6.84	3.42	2.74	2.05	1.37	0.68	0.34	0.17	10		
	55	546.45	273.22	218.58	163.93	109.29	54.64	27.32	20.49	13.66	6.83	3.41	2.73	2.05	1.37	0.68	0.34	0.17	5		
	60	545.60	272.80	218.24	163.68	109.12	54.56	27.28	20.46	13.64	6.82	3.41	2.73	2.05	1.36	0.68	0.34	0.17	0		
	0	545.60	272.80	218.24	163.68	109.12	54.56	27.28	20.46	13.64	6.82	3.41	2.73	2.05	1.36	0.68	0.34	0.17	60		
	5	544.75	272.37	217.90	163.42	108.95	54.47	27.24	20.43	13.62	6.81	3.40	2.72	2.04	1.36	0.68	0.34	0.17	55		
	10	543.89	271.95	217.56	163.17	108.78	54.39	27.19	20.40	13.60	6.80	3.40	2.72	2.04	1.36	0.68	0.34	0.17	50		
	15	543.04	271.52	217.22	162.91	108.61	54.30	27.15	20.36	13.58	6.79	3.39	2.71	2.04	1.36	0.68	0.34	0.17	45		
	20	542.19	271.09	216.87	162.66	108.44	54.22	27.11	20.33	13.55	6.78	3.39	2.71	2.03	1.35	0.68	0.34	0.17	40		
	25	541.33	270.66	216.53	162.40	108.27	54.13	27.07	20.30	13.53	6.77	3.38	2.71	2.03	1.35	0.68	0.34	0.17	35		
	30	540.47	270.24	216.19	162.14	108.09	54.05	27.02	20.27	13.51	6.76	3.38	2.70	2.03	1.35	0.67	0.34	0.17	30		
	35	539.61	269.81	215.85	161.88	107.92	53.96	26.98	20.24	13.49	6.74	3.37	2.70	2.02	1.35	0.67	0.34	0.17	25		
	40	538.75	269.38	215.50	161.63	107.75	53.87	26.94	20.20	13.47	6.73	3.37	2.69	2.02	1.35	0.67	0.34	0.17	20		
	45	537.89	268.95	215.16	161.37	107.58	53.79	26.89	20.17	13.45	6.72	3.36	2.69	2.02	1.34	0.67	0.34	0.17	15		
	50	537.03	268.52	214.81	161.11	107.41	53.70	26.85	20.14	13.43	6.71	3.36	2.68	2.01	1.34	0.67	0.34	0.17	10		
	55	536.17	268.08	214.47	160.85	107.23	53.62	26.81	20.11	13.40	6.70	3.35	2.68	2.01	1.34	0.67	0.33	0.17	5		
	60	535.30	267.65	214.12	160.59	107.06	53.53	26.76	20.07	13.38	6.69	3.35	2.68	2.01	1.34	0.67	0.33	0.17	0		
	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{3}{4}$	$\frac{1}{4}$	M.			
	Zachter																				
Golle																					
Donleige																					

Sohle

Donleuge		Zachter										Sohle									
Gr.	Dr.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$			
48	0	535.30	267.65	214.12	160.59	107.06	53.53	26.76	20.07	13.38	6.69	3.35	2.68	2.01	1.34	0.67	0.33	0.17	60		
	5	534.44	267.22	213.78	160.33	106.89	53.44	26.72	20.04	13.36	6.68	3.34	2.67	2.00	1.34	0.67	0.33	0.17	55		
	10	533.57	266.79	213.43	160.07	106.71	53.36	26.68	20.01	13.34	6.67	3.33	2.67	2.00	1.33	0.67	0.33	0.17	50		
	15	532.70	266.35	213.08	159.81	106.54	53.27	26.63	19.98	13.32	6.66	3.33	2.66	2.00	1.33	0.67	0.33	0.17	45		
	20	531.84	265.92	212.73	159.55	106.37	53.18	26.59	19.94	13.30	6.65	3.32	2.66	1.99	1.33	0.66	0.33	0.17	40		
	25	530.97	265.48	212.39	159.29	106.19	53.10	26.55	19.91	13.27	6.64	3.32	2.65	1.99	1.33	0.66	0.33	0.17	35		
	30	530.10	265.05	212.04	159.03	106.02	53.01	26.50	19.88	13.25	6.63	3.31	2.65	1.99	1.32	0.66	0.33	0.17	30		
	35	529.22	264.61	211.69	158.77	105.84	52.92	26.46	19.85	13.23	6.61	3.31	2.65	1.98	1.32	0.66	0.33	0.16	25		
	40	528.35	264.18	211.34	158.50	105.67	52.83	26.42	19.81	13.21	6.60	3.30	2.64	1.98	1.32	0.66	0.33	0.16	20		
	45	527.48	263.74	210.99	158.24	105.49	52.75	26.37	19.78	13.19	6.59	3.30	2.64	1.98	1.32	0.66	0.33	0.16	15		
	50	526.60	263.30	210.64	157.98	105.32	52.66	26.33	19.75	13.16	6.58	3.29	2.63	1.97	1.32	0.66	0.33	0.16	10		
49	55	525.72	262.86	210.29	157.72	105.14	52.57	26.29	19.71	13.14	6.57	3.29	2.63	1.97	1.31	0.66	0.33	0.16	5		
	60	524.85	262.42	209.94	157.45	104.97	52.48	26.24	19.68	13.12	6.56	3.28	2.62	1.97	1.31	0.66	0.33	0.16	0	41	
	0	524.85	262.42	209.94	157.45	104.97	52.48	26.24	19.68	13.12	6.56	3.28	2.62	1.97	1.31	0.66	0.33	0.16	60		
	5	523.97	261.98	209.59	157.19	104.79	52.40	26.20	19.65	13.10	6.55	3.27	2.62	1.96	1.31	0.65	0.33	0.16	55		
	10	523.09	261.54	209.23	156.93	104.62	52.31	26.15	19.62	13.08	6.54	3.27	2.61	1.96	1.31	0.65	0.33	0.16	50		
	15	522.21	261.10	208.88	156.66	104.44	52.22	26.11	19.58	13.05	6.53	3.26	2.61	1.96	1.31	0.65	0.33	0.16	45		
	20	521.33	260.66	208.53	156.40	104.26	52.13	26.07	19.55	13.03	6.52	3.26	2.61	1.95	1.30	0.65	0.33	0.16	40		
	25	520.44	260.22	208.18	156.13	104.09	52.04	26.02	19.52	13.01	6.51	3.25	2.60	1.95	1.30	0.65	0.32	0.16	35		
	30	519.56	259.78	207.82	155.87	103.91	51.96	25.98	19.48	12.99	6.49	3.25	2.60	1.95	1.30	0.65	0.32	0.16	30		
	35	518.67	259.34	207.47	155.60	103.73	51.87	25.93	19.45	12.97	6.48	3.24	2.59	1.94	1.30	0.65	0.32	0.16	25		
	40	517.79	258.89	207.11	155.34	103.56	51.78	25.89	19.42	12.94	6.47	3.24	2.59	1.94	1.29	0.65	0.32	0.16	20		
40	45	516.90	258.45	206.76	155.07	103.38	51.69	25.84	19.38	12.92	6.46	3.23	2.58	1.94	1.29	0.65	0.32	0.16	15		
	50	516.01	258.00	206.40	154.80	103.20	51.60	25.80	19.35	12.90	6.45	3.22	2.58	1.93	1.29	0.64	0.32	0.16	10		
	55	515.12	257.56	206.05	154.54	103.02	51.51	25.76	19.32	12.88	6.44	3.22	2.58	1.93	1.29	0.64	0.32	0.16	5		
	60	514.23	257.11	205.69	154.27	102.85	51.42	25.71	19.28	12.86	6.43	3.21	2.57	1.93	1.29	0.64	0.32	0.16	0	40	
			10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	Dr.	Gr.
			Zachter										Sohle								

Seigerteuffe

T

Sohle

Donlegge		Zachter																Zolle	
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	
50	0	514.23	257.11	205.69	154.27	102.85	51.42	25.71	19.28	12.86	6.43	3.21	2.57	1.93	1.29	0.64	0.32	0.16	60
	5	513.34	256.67	205.33	154.00	102.67	51.33	25.67	19.25	12.83	6.42	3.21	2.57	1.92	1.28	0.64	0.32	0.16	55
	10	512.44	256.22	204.98	153.73	102.49	51.24	25.62	19.22	12.81	6.41	3.20	2.56	1.92	1.28	0.64	0.32	0.16	50
	15	511.55	255.78	204.62	153.46	102.31	51.15	25.58	19.18	12.79	6.39	3.20	2.56	1.92	1.28	0.64	0.32	0.16	45
	20	510.66	255.33	204.26	153.20	102.13	51.07	25.53	19.15	12.77	6.38	3.19	2.55	1.91	1.28	0.64	0.32	0.16	40
	25	509.76	254.88	203.90	152.93	101.95	50.98	25.49	19.12	12.74	6.37	3.19	2.55	1.91	1.27	0.64	0.32	0.16	35
	30	508.86	254.43	203.54	152.66	101.77	50.89	25.44	19.08	12.72	6.36	3.18	2.54	1.91	1.27	0.64	0.32	0.16	30
	35	507.96	253.98	203.19	152.39	101.59	50.80	25.40	19.05	12.70	6.35	3.17	2.54	1.90	1.27	0.63	0.32	0.16	25
	40	507.06	253.53	202.83	152.12	101.41	50.71	25.35	19.01	12.68	6.34	3.17	2.53	1.90	1.27	0.63	0.32	0.16	20
	45	506.16	253.08	202.47	151.85	101.23	50.62	25.31	18.98	12.65	6.33	3.16	2.53	1.90	1.26	0.63	0.32	0.16	15
	50	505.26	252.63	202.10	151.58	101.05	50.53	25.26	18.95	12.63	6.32	3.16	2.53	1.89	1.26	0.63	0.32	0.16	10
	55	504.36	252.18	201.74	151.31	100.87	50.44	25.22	18.91	12.61	6.30	3.15	2.52	1.89	1.26	0.63	0.31	0.16	5
	60	503.46	251.73	201.38	151.04	100.69	50.35	25.17	18.88	12.59	6.29	3.15	2.52	1.89	1.26	0.63	0.31	0.16	0
51	0	503.46	251.73	201.38	151.04	100.69	50.35	25.17	18.88	12.59	6.29	3.15	2.52	1.89	1.26	0.63	0.31	0.16	60
	5	502.55	251.28	201.02	150.76	100.51	50.25	25.13	18.85	12.56	6.28	3.14	2.51	1.88	1.26	0.63	0.31	0.16	55
	10	501.65	250.82	200.66	150.49	100.33	50.16	25.08	18.81	12.54	6.27	3.13	2.51	1.88	1.25	0.63	0.31	0.16	50
	15	500.74	250.37	200.30	150.22	100.15	50.07	25.04	18.78	12.52	6.26	3.13	2.50	1.88	1.25	0.63	0.31	0.16	45
	20	499.83	249.91	199.93	149.95	99.97	49.98	24.99	18.74	12.50	6.25	3.12	2.50	1.87	1.25	0.62	0.31	0.16	40
	25	498.92	249.46	199.57	149.68	99.78	49.89	24.95	18.71	12.47	6.24	3.12	2.49	1.87	1.25	0.62	0.31	0.16	35
	30	498.01	249.01	199.20	149.40	99.60	49.80	24.90	18.67	12.45	6.22	3.11	2.49	1.87	1.24	0.62	0.31	0.16	30
	35	497.10	248.55	198.84	149.13	99.42	49.71	24.85	18.64	12.43	6.21	3.11	2.49	1.86	1.24	0.62	0.31	0.15	25
	40	496.19	248.09	198.47	148.86	99.24	49.62	24.81	18.61	12.40	6.20	3.10	2.48	1.86	1.24	0.62	0.31	0.15	20
	45	495.27	247.64	198.11	148.58	99.05	49.53	24.76	18.57	12.38	6.19	3.09	2.48	1.86	1.24	0.62	0.31	0.15	15
	50	494.36	247.18	197.74	148.31	98.87	49.44	24.72	18.54	12.36	6.18	3.09	2.47	1.85	1.24	0.62	0.31	0.15	10
	55	493.45	246.72	197.38	148.03	98.69	49.34	24.67	18.50	12.34	6.17	3.08	2.47	1.85	1.23	0.62	0.31	0.15	5
	60	492.53	246.26	197.01	147.76	98.51	49.25	24.63	18.47	12.31	6.16	3.08	2.46	1.85	1.23	0.62	0.31	0.15	0
																			38
	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$		Gr.
																			Donlegge

Seigerteuffe

Sohle

Donlege		Zachter																	Sohle				
Gr. M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$						
52	0	492.53	246.26	197.01	147.76	98.51	49.25	24.63	18.47	12.31	6.16	3.08	2.46	1.85	1.23	0.62	0.31	0.15	60				
	5	491.61	245.81	196.64	147.48	98.32	49.16	24.58	18.43	12.29	6.14	3.07	2.46	1.84	1.23	0.61	0.31	0.15	55				
	10	490.69	245.35	196.28	147.21	98.14	49.07	24.53	18.40	12.27	6.13	3.07	2.45	1.84	1.23	0.61	0.31	0.15	50				
	15	489.77	244.89	195.91	146.93	97.95	48.98	24.49	18.37	12.24	6.12	3.06	2.45	1.84	1.22	0.61	0.31	0.15	45				
	20	488.85	244.43	195.54	146.66	97.77	48.88	24.44	18.33	12.22	6.11	3.05	2.44	1.83	1.22	0.61	0.31	0.15	40				
	25	487.93	243.97	195.17	146.38	97.59	48.79	24.40	18.30	12.20	6.10	3.05	2.44	1.83	1.22	0.61	0.30	0.15	35				
	30	487.01	243.50	194.80	146.10	97.40	48.70	24.35	18.26	12.17	6.09	3.04	2.43	1.83	1.22	0.61	0.30	0.15	30				
	35	486.09	243.04	194.43	145.83	97.22	48.61	24.30	18.23	12.15	6.08	3.04	2.43	1.82	1.21	0.61	0.30	0.15	25				
	40	485.16	242.58	194.06	145.55	97.03	48.52	24.26	18.19	12.13	6.06	3.03	2.43	1.82	1.21	0.61	0.30	0.15	20				
	45	484.23	242.12	193.69	145.27	96.85	48.42	24.21	18.16	12.11	6.05	3.03	2.42	1.82	1.21	0.60	0.30	0.15	15				
	50	483.31	241.65	193.32	144.99	96.66	48.33	24.16	18.12	12.08	6.04	3.02	2.42	1.81	1.21	0.60	0.30	0.15	10				
	55	482.38	241.19	192.95	144.71	96.48	48.24	24.12	18.09	12.06	6.03	3.01	2.41	1.81	1.21	0.60	0.30	0.15	5				
	60	481.45	240.73	192.58	144.44	96.29	48.14	24.07	18.07	12.04	6.02	3.01	2.41	1.80	1.20	0.60	0.30	0.15	0				
37																							
53	0	481.45	240.73	192.58	144.44	96.29	48.14	24.07	18.07	12.04	6.02	3.01	2.41	1.80	1.20	0.60	0.30	0.15	60				
	5	480.52	240.26	192.21	144.16	96.10	48.05	24.03	18.02	12.01	6.01	3.00	2.40	1.80	1.20	0.60	0.30	0.15	55				
	10	479.59	239.80	191.84	143.88	95.92	47.96	23.98	17.98	11.99	5.99	3.00	2.40	1.80	1.20	0.60	0.30	0.15	50				
	15	478.66	239.33	191.46	143.60	95.73	47.87	23.93	17.95	11.97	5.98	2.99	2.39	1.79	1.20	0.60	0.30	0.15	45				
	20	477.73	238.86	191.09	143.32	95.54	47.77	23.89	17.91	11.94	5.97	2.99	2.39	1.79	1.19	0.60	0.30	0.15	40				
	25	476.79	238.40	190.72	143.04	95.36	47.68	23.84	17.88	11.92	5.96	2.98	2.38	1.79	1.19	0.60	0.30	0.15	35				
	30	475.86	237.93	190.34	142.76	95.17	47.59	23.79	17.84	11.90	5.95	2.97	2.38	1.78	1.19	0.59	0.30	0.15	30				
	35	474.92	237.46	189.97	142.48	94.98	47.49	23.75	17.81	11.87	5.94	2.97	2.37	1.78	1.19	0.59	0.30	0.15	25				
	40	473.99	236.99	189.59	142.20	94.80	47.40	23.70	17.77	11.85	5.92	2.96	2.37	1.78	1.18	0.59	0.30	0.15	20				
	45	473.05	236.52	189.22	141.91	94.61	47.30	23.65	17.74	11.83	5.91	2.96	2.36	1.77	1.18	0.59	0.30	0.15	15				
	50	472.11	236.05	188.84	141.63	94.42	47.21	23.60	17.70	11.80	5.90	2.95	2.36	1.77	1.18	0.59	0.29	0.15	10				
	55	471.17	235.58	188.47	141.35	94.23	47.12	23.56	17.67	11.78	5.89	2.94	2.36	1.77	1.18	0.59	0.29	0.15	5				
	60	470.23	235.11	188.09	141.07	94.05	47.02	23.51	17.63	11.76	5.88	2.94	2.35	1.76	1.18	0.59	0.29	0.15	0				
36																							
Zachter																							
Sohle																							
Donlege																							

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Donleige		Zachter																			Zolle									
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$												
54	0	470.23	235.11	188.09	141.07	94.05	47.02	23.51	17.63	11.76	5.88	2.94	2.35	1.76	1.18	0.59	0.29	0.15	60											
	5	469.29	234.64	187.71	140.79	93.86	46.93	23.46	17.60	11.73	5.87	2.93	2.35	1.76	1.17	0.59	0.29	0.15	55											
	10	468.34	234.17	187.34	140.50	93.67	46.83	23.42	17.56	11.71	5.85	2.93	2.34	1.76	1.17	0.58	0.29	0.15	50											
	15	467.40	233.70	186.96	140.22	93.48	46.74	23.37	17.53	11.68	5.84	2.92	2.34	1.75	1.17	0.58	0.29	0.15	45											
	20	466.45	233.23	186.58	139.94	93.29	46.64	23.32	17.49	11.66	5.83	2.91	2.33	1.75	1.17	0.58	0.29	0.15	40											
	25	465.51	232.75	186.20	139.65	93.10	46.55	23.27	17.46	11.64	5.82	2.91	2.33	1.75	1.16	0.58	0.29	0.14	35											
	30	464.56	232.28	185.82	139.37	92.91	46.46	23.23	17.42	11.61	5.81	2.90	2.32	1.74	1.16	0.58	0.29	0.14	30											
	35	463.61	231.81	185.45	139.08	92.72	46.36	23.18	17.39	11.59	5.79	2.90	2.32	1.74	1.16	0.58	0.29	0.14	25											
	40	462.67	231.33	185.07	138.80	92.53	46.27	23.13	17.35	11.57	5.78	2.89	2.31	1.73	1.16	0.58	0.29	0.14	20											
	45	461.72	230.86	184.69	138.51	92.34	46.17	23.09	17.31	11.54	5.77	2.89	2.31	1.73	1.15	0.58	0.29	0.14	15											
55	50	460.76	230.38	184.31	138.23	92.15	46.08	23.04	17.28	11.52	5.76	2.88	2.30	1.73	1.15	0.58	0.29	0.14	10											
	55	459.81	229.91	183.93	137.94	91.96	45.98	22.99	17.24	11.49	5.75	2.87	2.30	1.72	1.15	0.57	0.29	0.14	5											
	60	458.86	229.43	183.54	137.66	91.77	45.89	22.94	17.21	11.47	5.74	2.87	2.29	1.72	1.15	0.57	0.29	0.14	0											
	0	458.86	229.43	183.54	137.66	91.77	45.89	22.94	17.21	11.47	5.74	2.87	2.29	1.72	1.15	0.57	0.29	0.14	60											
	5	457.91	228.95	183.16	137.37	91.58	45.79	22.89	17.17	11.45	5.72	2.86	2.29	1.72	1.14	0.57	0.29	0.14	55											
	10	456.95	228.48	182.78	137.09	91.39	45.69	22.85	17.14	11.42	5.71	2.86	2.28	1.71	1.14	0.57	0.29	0.14	50											
	15	456.00	228.00	182.40	136.80	91.20	45.60	22.80	17.10	11.40	5.70	2.85	2.28	1.71	1.14	0.57	0.28	0.14	45											
	20	455.04	227.52	182.02	136.51	91.01	45.50	22.75	17.06	11.38	5.69	2.84	2.27	1.71	1.14	0.57	0.28	0.14	40											
	25	454.08	227.04	181.63	136.22	90.82	45.41	22.70	17.03	11.35	5.68	2.84	2.27	1.70	1.13	0.57	0.28	0.14	35											
	30	453.12	226.56	181.25	135.94	90.62	45.31	22.66	16.99	11.33	5.66	2.83	2.27	1.70	1.13	0.57	0.28	0.14	30											
35	452.17	226.08	180.87	135.65	90.43	45.22	22.61	16.96	11.30	5.65	2.83	2.26	1.70	1.13	0.56	0.28	0.14	25												
40	451.20	225.60	180.48	135.36	90.24	45.12	22.56	16.92	11.28	5.64	2.82	2.26	1.69	1.13	0.56	0.28	0.14	20												
45	450.24	225.12	180.10	135.07	90.05	45.02	22.51	16.88	11.26	5.63	2.81	2.25	1.69	1.13	0.56	0.28	0.14	15												
50	449.28	224.64	179.71	134.78	89.86	44.93	22.46	16.85	11.23	5.62	2.81	2.25	1.68	1.12	0.56	0.28	0.14	10												
55	448.32	224.16	179.33	134.50	89.66	44.83	22.42	16.81	11.21	5.60	2.80	2.24	1.68	1.12	0.56	0.28	0.14	5												
60	447.35	223.68	178.94	134.21	89.47	44.73	22.37	16.78	11.18	5.59	2.80	2.24	1.68	1.12	0.56	0.28	0.14	0												
		10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	Gr.											
		Zachter																			Zolle									
																					Donleige									

Sohle

Donlege		Zachter																Sohle																Donlege	
Gr.	Dr.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	Gr.	Dr.															
56		0	447.35	223.68	178.94	134.21	89.47	44.73	22.37	16.78	11.18	5.59	2.80	2.24	1.68	1.12	0.56	0.28	0.14	60															
5	446.39	223.19	178.56	133.92	89.28	44.64	22.32	16.74	11.16	5.58	2.79	2.23	1.67	1.12	0.56	0.28	0.14	55																	
10	445.42	222.71	178.17	133.63	89.08	44.54	22.27	16.70	11.14	5.57	2.78	2.23	1.67	1.11	0.56	0.28	0.14	50																	
15	444.46	222.23	177.78	133.34	88.89	44.45	22.22	16.67	11.11	5.56	2.78	2.22	1.67	1.11	0.56	0.28	0.14	45																	
20	443.49	221.74	177.39	133.05	88.70	44.35	22.17	16.63	11.09	5.54	2.77	2.22	1.66	1.11	0.55	0.28	0.14	40																	
25	442.52	221.26	177.01	132.76	88.50	44.25	22.13	16.59	11.06	5.53	2.77	2.21	1.66	1.11	0.55	0.28	0.14	35																	
30	441.55	220.77	176.62	132.46	88.31	44.15	22.08	16.56	11.04	5.52	2.76	2.21	1.66	1.10	0.55	0.28	0.14	30																	
35	440.58	220.29	176.23	132.17	88.12	44.06	22.03	16.52	11.01	5.51	2.75	2.20	1.65	1.10	0.55	0.27	0.14	25																	
40	439.61	219.80	175.84	131.88	87.92	43.96	21.98	16.48	10.99	5.49	2.75	2.20	1.65	1.10	0.55	0.27	0.14	20																	
45	438.63	219.32	175.45	131.59	87.73	43.86	21.93	16.45	10.97	5.48	2.74	2.19	1.64	1.10	0.55	0.27	0.14	15																	
50	437.66	218.83	175.06	131.30	87.53	43.77	21.88	16.41	10.94	5.47	2.73	2.19	1.64	1.09	0.55	0.27	0.14	10																	
55	436.69	218.34	174.67	131.01	87.34	43.67	21.83	16.38	10.92	5.46	2.73	2.18	1.64	1.09	0.55	0.27	0.14	5																	
60	435.71	217.86	174.28	130.71	87.14	43.57	21.79	16.34	10.89	5.45	2.72	2.18	1.63	1.09	0.54	0.27	0.14	0																	
57		0	435.71	217.86	174.28	130.71	87.14	43.57	21.79	16.34	10.89	5.45	2.72	2.18	1.63	1.09	0.54	0.27	0.14	60															
5	434.73	217.37	173.89	130.42	86.95	43.47	21.74	16.30	10.87	5.43	2.72	2.17	1.63	1.09	0.54	0.27	0.14	55																	
10	433.76	216.88	173.50	130.13	86.75	43.38	21.69	16.27	10.84	5.42	2.71	2.17	1.63	1.08	0.54	0.27	0.14	50																	
15	432.78	216.39	173.11	129.83	86.56	43.28	21.64	16.23	10.82	5.41	2.70	2.16	1.62	1.08	0.54	0.27	0.13	45																	
20	431.80	215.90	172.72	129.54	86.36	43.18	21.59	16.19	10.79	5.40	2.70	2.16	1.62	1.08	0.54	0.27	0.13	40																	
25	430.82	215.41	172.33	129.25	86.16	43.08	21.54	16.16	10.77	5.38	2.69	2.15	1.62	1.08	0.54	0.27	0.13	35																	
30	429.84	214.92	171.94	128.95	85.97	42.98	21.49	16.12	10.75	5.37	2.69	2.15	1.61	1.07	0.54	0.27	0.13	30																	
35	428.86	214.43	171.54	128.66	85.77	42.89	21.44	16.08	10.72	5.36	2.68	2.14	1.61	1.07	0.54	0.27	0.13	25																	
40	427.87	213.94	171.15	128.36	85.57	42.79	21.39	16.04	10.70	5.35	2.67	2.14	1.60	1.07	0.53	0.27	0.13	20																	
45	426.89	213.45	170.76	128.07	85.38	42.69	21.34	16.01	10.67	5.34	2.67	2.13	1.60	1.07	0.53	0.27	0.13	15																	
50	425.91	212.95	170.36	127.77	85.18	42.59	21.29	15.97	10.65	5.32	2.66	2.13	1.60	1.06	0.53	0.27	0.13	10																	
55	424.92	212.46	169.97	127.48	84.98	42.49	21.25	15.93	10.62	5.31	2.66	2.12	1.59	1.06	0.53	0.27	0.13	5																	
60	423.93	211.97	169.57	127.18	84.79	42.39	21.20	15.90	10.60	5.30	2.65	2.12	1.59	1.06	0.53	0.26	0.13	0																	
		10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	Dr.																
		Zachter																Sohle																Donlege	

Seigerteuffe

Sohle

Donlege										Zachter										Golle									
Gr.	Mr.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$											
58																													
0	423.93	211.97	169.57	127.18	84.79	42.39	21.20	15.90	10.60	5.30	2.65	2.12	1.59	1.06	0.53	0.26	0.13	60											
5	422.95	211.47	169.18	126.88	84.59	42.29	21.15	15.86	10.57	5.29	2.64	2.11	1.59	1.06	0.53	0.26	0.13	55											
10	421.96	210.98	168.78	126.59	84.39	42.20	21.10	15.82	10.55	5.27	2.64	2.11	1.58	1.05	0.53	0.26	0.13	50											
15	420.97	210.49	168.39	126.29	84.19	42.10	21.05	15.79	10.52	5.26	2.63	2.10	1.58	1.05	0.53	0.26	0.13	45											
20	419.98	209.99	167.99	125.99	84.00	42.00	21.00	15.75	10.50	5.25	2.62	2.10	1.57	1.05	0.52	0.26	0.13	40											
25	418.99	209.49	167.60	125.70	83.80	41.90	20.95	15.71	10.47	5.24	2.62	2.09	1.57	1.05	0.52	0.26	0.13	35											
30	418.00	209.00	167.20	125.40	83.60	41.80	20.90	15.67	10.45	5.22	2.61	2.09	1.57	1.04	0.52	0.26	0.13	30											
35	417.01	208.50	166.80	125.10	83.40	41.70	20.85	15.64	10.42	5.21	2.61	2.08	1.56	1.04	0.52	0.26	0.13	25											
40	416.01	208.01	166.40	124.80	83.20	41.60	20.80	15.60	10.40	5.20	2.60	2.08	1.56	1.04	0.52	0.26	0.13	20											
45	415.02	207.51	166.01	124.51	83.00	41.50	20.75	15.56	10.37	5.19	2.59	2.07	1.56	1.04	0.52	0.26	0.13	15											
50	414.02	207.01	165.61	124.21	82.80	41.40	20.70	15.53	10.35	5.17	2.59	2.07	1.55	1.03	0.52	0.26	0.13	10											
55	413.03	206.51	165.21	123.91	82.60	41.30	20.65	15.49	10.33	5.16	2.58	2.06	1.55	1.03	0.52	0.26	0.13	5											
60	412.03	206.01	164.81	123.61	82.41	41.20	20.60	15.45	10.30	5.15	2.57	2.06	1.54	1.03	0.51	0.26	0.13	0											
59																													
0	412.03	206.01	164.81	123.61	82.41	41.20	20.60	15.45	10.30	5.15	2.57	2.06	1.54	1.03	0.51	0.26	0.13	60											
5	411.03	205.52	164.41	123.31	82.21	41.10	20.55	15.41	10.28	5.14	2.57	2.05	1.54	1.03	0.51	0.26	0.13	55											
10	410.03	205.02	164.01	123.01	82.01	41.00	20.50	15.38	10.25	5.12	2.56	2.05	1.54	1.02	0.51	0.26	0.13	50											
15	409.03	204.52	163.61	122.71	81.81	40.90	20.45	15.34	10.23	5.11	2.56	2.04	1.53	1.02	0.51	0.26	0.13	45											
20	408.03	204.02	163.21	122.41	81.61	40.80	20.40	15.30	10.20	5.10	2.55	2.04	1.53	1.02	0.51	0.25	0.13	40											
25	407.03	203.52	162.81	122.11	81.41	40.70	20.35	15.26	10.18	5.09	2.54	2.03	1.53	1.02	0.51	0.25	0.13	35											
30	406.03	203.01	162.41	121.81	81.21	40.60	20.30	15.23	10.15	5.07	2.54	2.03	1.52	1.01	0.51	0.25	0.13	30											
35	405.03	202.51	162.01	121.51	81.01	40.50	20.25	15.19	10.13	5.06	2.53	2.02	1.52	1.01	0.51	0.25	0.13	25											
40	404.02	202.01	161.61	121.21	80.80	40.40	20.20	15.15	10.10	5.05	2.52	2.02	1.51	1.01	0.50	0.25	0.13	20											
45	403.02	201.51	161.21	120.91	80.60	40.30	20.15	15.11	10.07	5.04	2.52	2.01	1.51	1.01	0.50	0.25	0.13	15											
50	402.01	201.01	160.80	120.60	80.40	40.20	20.10	15.08	10.05	5.02	2.51	2.01	1.51	1.00	0.50	0.25	0.13	10											
55	401.01	200.50	160.40	120.30	80.20	40.10	20.05	15.04	10.02	5.01	2.51	2.00	1.50	1.00	0.50	0.25	0.12	5											
60	400.00	200.00	160.00	120.00	80.00	40.00	20.00	15.00	10.00	5.00	2.50	2.00	1.50	1.00	0.50	0.25	0.12	0											
Zachter										Golle										Donlege									
10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$													

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Donleige		Zachter													Golle													Donleige	
Gr. M.		10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$											
60	0	400.00	200.00	160.00	120.00	80.00	40.00	20.00	15.00	10.00	5.00	2.50	2.00	1.50	1.00	0.50	0.25	0.12		60									
	5	398.99	199.50	159.60	119.70	79.80	39.90	19.95	14.96	9.97	4.99	2.49	1.99	1.50	1.00	0.50	0.25	0.12		55									
	10	397.98	198.99	159.19	119.39	79.60	39.80	19.90	14.92	9.95	4.97	2.49	1.99	1.49	0.99	0.50	0.25	0.12		50									
	15	396.97	198.49	158.79	119.09	79.39	39.70	19.85	14.89	9.92	4.96	2.48	1.98	1.49	0.99	0.50	0.25	0.12		45									
	20	395.96	197.98	158.38	118.79	79.19	39.60	19.80	14.85	9.90	4.95	2.47	1.98	1.48	0.99	0.49	0.25	0.12		40									
	25	394.95	197.48	157.98	118.48	78.99	39.49	19.75	14.81	9.87	4.94	2.47	1.97	1.48	0.99	0.49	0.25	0.12		35									
	30	393.94	196.97	157.58	118.18	78.79	39.39	19.70	14.77	9.85	4.92	2.46	1.97	1.48	0.98	0.49	0.25	0.12		30									
	35	392.93	196.46	157.17	117.88	78.58	39.29	19.65	14.73	9.82	4.91	2.46	1.96	1.47	0.98	0.49	0.25	0.12		25									
	40	391.91	195.96	156.76	117.57	78.38	39.19	19.60	14.70	9.80	4.90	2.45	1.96	1.47	0.98	0.49	0.24	0.12		20									
	45	390.90	195.45	156.36	117.27	78.18	39.09	19.54	14.66	9.77	4.89	2.44	1.95	1.47	0.98	0.49	0.24	0.12		15									
	50	389.88	194.94	155.95	116.96	77.98	38.99	19.49	14.62	9.75	4.87	2.44	1.95	1.46	0.97	0.49	0.24	0.12		10									
	55	388.86	194.43	155.55	116.66	77.77	38.89	19.44	14.58	9.72	4.86	2.43	1.94	1.46	0.97	0.49	0.24	0.12		5									
	60	387.85	193.92	155.14	116.35	77.57	38.78	19.39	14.54	9.70	4.85	2.42	1.94	1.45	0.97	0.48	0.24	0.12		0									
61	0	387.85	193.92	155.14	116.35	77.57	38.78	19.39	14.54	9.70	4.85	2.42	1.94	1.45	0.97	0.48	0.24	0.12		60									
	5	386.83	193.41	154.73	116.05	77.37	38.68	19.34	14.51	9.67	4.83	2.42	1.93	1.45	0.97	0.48	0.24	0.12		55									
	10	385.81	192.90	154.32	115.74	77.16	38.58	19.29	14.47	9.64	4.82	2.41	1.93	1.45	0.96	0.48	0.24	0.12		50									
	15	384.79	192.40	153.92	115.44	76.96	38.48	19.24	14.43	9.62	4.81	2.40	1.92	1.44	0.96	0.48	0.24	0.12		45									
	20	383.77	191.88	153.51	115.13	76.75	38.38	19.19	14.39	9.59	4.80	2.40	1.92	1.44	0.96	0.48	0.24	0.12		40									
	25	382.75	191.37	153.10	114.82	76.55	38.27	19.14	14.35	9.57	4.78	2.39	1.91	1.43	0.96	0.48	0.24	0.12		35									
	30	381.73	190.86	152.69	114.52	76.34	38.17	19.09	14.31	9.54	4.77	2.39	1.91	1.43	0.95	0.48	0.24	0.12		30									
	35	380.70	190.35	152.28	114.21	76.14	38.07	19.03	14.28	9.52	4.76	2.38	1.90	1.43	0.95	0.48	0.24	0.12		25									
	40	379.68	189.84	151.87	113.90	75.94	37.97	18.98	14.24	9.49	4.75	2.37	1.90	1.42	0.95	0.47	0.24	0.12		20									
	45	378.66	189.33	151.46	113.60	75.73	37.87	18.93	14.20	9.47	4.73	2.37	1.89	1.42	0.95	0.47	0.24	0.12		15									
	50	377.63	188.81	151.05	113.29	75.53	37.76	18.88	14.16	9.44	4.72	2.36	1.89	1.42	0.94	0.47	0.24	0.12		10									
	55	376.60	188.30	150.64	112.98	75.32	37.66	18.83	14.12	9.41	4.71	2.35	1.88	1.41	0.94	0.47	0.23	0.12		5									
	60	375.58	187.79	150.23	112.67	75.11	37.56	18.78	14.08	9.39	4.69	2.35	1.88	1.41	0.94	0.47	0.23	0.12		0									
		10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$											
		Zachter																			Golle		Donleige						

Donlegge		Zadpter																Golle	
Gr.	Dr.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	
62	0	375.58	187.79	150.23	112.67	75.11	37.56	18.78	14.08	9.39	4.69	2.35	1.88	1.41	0.94	0.47	0.23	0.12	60
	5	374.55	187.27	149.82	112.36	74.91	37.45	18.73	14.05	9.36	4.68	2.34	1.87	1.40	0.94	0.47	0.23	0.12	55
	10	373.52	186.76	149.41	112.06	74.70	37.35	18.68	14.01	9.34	4.67	2.33	1.87	1.40	0.93	0.47	0.23	0.12	50
	15	372.49	186.25	149.00	111.75	74.50	37.25	18.62	13.97	9.31	4.66	2.33	1.86	1.40	0.93	0.47	0.23	0.12	45
	20	371.46	185.73	148.58	111.44	74.29	37.15	18.57	13.93	9.29	4.64	2.32	1.86	1.39	0.93	0.46	0.23	0.12	40
	25	370.43	185.21	148.17	111.13	74.09	37.04	18.52	13.89	9.26	4.63	2.31	1.85	1.39	0.93	0.46	0.23	0.12	35
	30	369.40	184.70	147.76	110.82	73.88	36.94	18.47	13.85	9.23	4.62	2.31	1.85	1.38	0.92	0.46	0.23	0.11	30
	35	368.37	184.18	147.35	110.51	73.67	36.84	18.42	13.81	9.21	4.60	2.30	1.84	1.38	0.92	0.46	0.23	0.11	25
	40	367.33	183.67	146.93	110.20	73.47	36.73	18.37	13.77	9.18	4.59	2.30	1.84	1.38	0.92	0.46	0.23	0.11	20
	45	366.30	183.15	146.52	109.89	73.26	36.63	18.31	13.74	9.16	4.58	2.29	1.83	1.37	0.92	0.46	0.23	0.11	15
	50	365.26	182.63	146.11	109.58	73.05	36.53	18.26	13.70	9.13	4.57	2.28	1.83	1.37	0.91	0.46	0.23	0.11	10
	55	364.23	182.11	145.69	109.27	72.85	36.42	18.21	13.66	9.11	4.55	2.28	1.82	1.37	0.91	0.45	0.23	0.11	5
	60	363.19	181.60	145.28	108.96	72.64	36.32	18.16	13.62	9.08	4.54	2.27	1.82	1.36	0.91	0.45	0.23	0.11	0
	0	363.19	181.60	145.28	108.96	72.64	36.32	18.16	13.62	9.08	4.54	2.27	1.82	1.36	0.91	0.45	0.23	0.11	60
	5	362.15	181.08	144.86	108.65	72.43	36.22	18.11	13.58	9.05	4.53	2.26	1.81	1.36	0.90	0.45	0.23	0.11	55
	10	361.12	180.56	144.45	108.33	72.22	36.11	18.06	13.54	9.03	4.51	2.26	1.81	1.35	0.90	0.45	0.23	0.11	50
	15	360.08	180.04	144.03	108.02	72.02	36.01	18.00	13.50	9.00	4.50	2.25	1.80	1.35	0.90	0.45	0.22	0.11	45
	20	359.04	179.52	143.62	107.71	71.81	35.90	17.95	13.46	8.98	4.49	2.24	1.79	1.35	0.90	0.45	0.22	0.11	40
63	25	358.00	179.00	143.20	107.40	71.60	35.80	17.90	13.42	8.95	4.47	2.24	1.79	1.34	0.89	0.45	0.22	0.11	35
	30	356.96	178.48	142.78	107.09	71.39	35.70	17.85	13.39	8.92	4.46	2.23	1.78	1.34	0.89	0.45	0.22	0.11	30
	35	355.92	177.96	142.37	106.77	71.18	35.59	17.80	13.35	8.90	4.45	2.22	1.78	1.33	0.89	0.44	0.22	0.11	25
	40	354.87	177.44	141.95	106.46	70.97	35.49	17.74	13.31	8.87	4.44	2.22	1.77	1.33	0.89	0.44	0.22	0.11	20
	45	353.83	176.91	141.53	106.15	70.77	35.38	17.69	13.27	8.85	4.42	2.21	1.77	1.33	0.88	0.44	0.22	0.11	15
	50	352.79	176.39	141.11	105.84	70.56	35.28	17.64	13.23	8.82	4.41	2.20	1.76	1.32	0.88	0.44	0.22	0.11	10
	55	351.74	175.87	140.70	105.52	70.35	35.17	17.59	13.19	8.79	4.40	2.20	1.76	1.32	0.88	0.44	0.22	0.11	5
	60	350.70	175.35	140.28	105.21	70.14	35.07	17.53	13.15	8.77	4.38	2.19	1.75	1.31	0.88	0.44	0.22	0.11	0
	10	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	Dr.
	Zadpter																		Golle
	Donlegge																		

Sohle

Donleige

Zachter

Sohle

Gr. M.

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Donleige		Zachter										Zolle									
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$			
66	0	325.39	162.69	130.16	97.62	65.08	32.54	16.27	12.20	8.13	4.07	2.03	1.63	1.22	0.81	0.41	0.20	0.10			
	5	324.33	162.16	129.73	97.30	64.86	32.43	16.22	12.16	8.11	4.05	2.03	1.62	1.22	0.81	0.40	0.20	0.10			
	10	323.26	161.63	129.30	96.98	64.65	32.33	16.16	12.12	8.08	4.04	2.02	1.62	1.21	0.81	0.40	0.20	0.10			
	15	322.20	161.10	128.88	96.66	64.44	32.22	16.11	12.08	8.05	4.03	2.01	1.61	1.21	0.80	0.40	0.20	0.10			
	20	321.13	160.57	128.45	96.34	64.23	32.11	16.06	12.04	8.03	4.01	2.01	1.61	1.20	0.80	0.40	0.20	0.10			
	25	320.07	160.03	128.03	96.02	64.01	32.01	16.00	12.00	8.00	4.00	2.00	1.60	1.20	0.80	0.40	0.20	0.10			
	30	319.00	159.50	127.60	95.70	63.80	31.90	15.95	11.96	7.97	3.99	1.99	1.59	1.20	0.80	0.40	0.20	0.10			
	35	317.93	158.97	127.17	95.38	63.59	31.79	15.90	11.92	7.95	3.97	1.99	1.59	1.19	0.79	0.40	0.20	0.10			
	40	316.86	158.43	126.75	95.06	63.37	31.69	15.84	11.88	7.92	3.96	1.98	1.58	1.19	0.79	0.40	0.20	0.10			
	45	315.79	157.90	126.32	94.74	63.16	31.58	15.79	11.84	7.89	3.95	1.97	1.58	1.18	0.79	0.39	0.20	0.10			
67	50	314.73	157.36	125.89	94.42	62.94	31.47	15.74	11.80	7.87	3.93	1.97	1.57	1.18	0.79	0.39	0.20	0.10			
	55	313.66	156.83	125.46	94.10	62.73	31.37	15.68	11.76	7.84	3.92	1.96	1.57	1.18	0.78	0.39	0.20	0.10			
	60	312.58	156.29	125.03	93.77	62.52	31.26	15.63	11.72	7.81	3.91	1.95	1.56	1.17	0.78	0.39	0.19	0.10			
	0	312.58	156.29	125.03	93.77	62.52	31.26	15.63	11.72	7.81	3.91	1.95	1.56	1.17	0.78	0.39	0.19	0.10			
	5	311.51	155.76	124.60	93.45	62.30	31.15	15.58	11.68	7.79	3.89	1.95	1.56	1.17	0.78	0.39	0.19	0.10			
	10	310.44	155.22	124.18	93.13	62.09	31.04	15.52	11.64	7.76	3.88	1.94	1.55	1.16	0.78	0.39	0.19	0.10			
	15	309.37	154.68	123.75	92.81	61.87	30.94	15.47	11.60	7.73	3.87	1.93	1.55	1.16	0.77	0.39	0.19	0.10			
	20	308.29	154.15	123.32	92.49	61.66	30.83	15.41	11.56	7.71	3.85	1.93	1.54	1.16	0.77	0.38	0.19	0.10			
	25	307.22	153.61	122.89	92.17	61.44	30.72	15.36	11.52	7.68	3.84	1.92	1.54	1.15	0.77	0.38	0.19	0.10			
	30	306.15	153.07	122.46	91.84	61.23	30.61	15.31	11.48	7.65	3.83	1.91	1.53	1.15	0.76	0.38	0.19	0.10			
22	35	305.07	152.54	122.03	91.52	61.01	30.51	15.25	11.44	7.63	3.81	1.91	1.52	1.14	0.76	0.38	0.19	0.09			
	40	304.00	152.00	121.60	91.20	60.80	30.40	15.20	11.40	7.60	3.80	1.90	1.52	1.14	0.76	0.38	0.19	0.09			
	45	302.92	151.46	121.17	90.88	60.58	30.29	15.15	11.36	7.57	3.79	1.89	1.51	1.14	0.76	0.38	0.19	0.09			
	50	301.84	150.92	120.74	90.55	60.37	30.18	15.09	11.32	7.55	3.77	1.89	1.51	1.13	0.75	0.38	0.19	0.09			
	55	300.76	150.38	120.31	90.23	60.15	30.08	15.04	11.28	7.52	3.76	1.88	1.50	1.13	0.75	0.38	0.19	0.09			
	60	299.68	149.84	119.87	89.91	59.94	29.97	14.98	11.24	7.49	3.75	1.87	1.50	1.12	0.75	0.37	0.19	0.09			
	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$				
	Zachter																				
	Zolle																				
	Donleige		Gr.																		

Donlegge		Zachter													Golle												
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	Gr.								
68	0	299.68	149.84	119.87	89.91	59.94	29.97	14.98	11.24	7.49	3.75	1.87	1.50	1.12	0.75	0.37	0.19	0.09	60								
	5	298.61	149.30	119.44	89.58	59.72	29.86	14.93	11.20	7.46	3.73	1.87	1.49	1.12	0.75	0.37	0.19	0.09	55								
	10	297.53	148.76	119.01	89.26	59.50	29.75	14.88	11.16	7.44	3.72	1.86	1.49	1.12	0.74	0.37	0.19	0.09	50								
	15	296.45	148.22	118.58	88.93	59.29	29.64	14.82	11.12	7.41	3.71	1.85	1.48	1.11	0.74	0.37	0.18	0.09	45								
	20	295.36	147.68	118.15	88.61	59.07	29.54	14.77	11.08	7.38	3.69	1.85	1.48	1.11	0.74	0.37	0.18	0.09	40								
	25	294.28	147.14	117.71	88.28	58.86	29.43	14.71	11.04	7.36	3.68	1.84	1.47	1.10	0.74	0.37	0.18	0.09	35								
	30	293.20	146.60	117.28	87.96	58.64	29.32	14.66	10.99	7.33	3.66	1.83	1.47	1.10	0.73	0.37	0.18	0.09	30								
	35	292.12	146.06	116.85	87.63	58.42	29.21	14.61	10.95	7.30	3.65	1.83	1.46	1.09	0.73	0.36	0.18	0.09	25								
	40	291.03	145.52	116.41	87.31	58.21	29.10	14.55	10.91	7.28	3.64	1.82	1.45	1.09	0.73	0.36	0.18	0.09	20								
	45	289.95	144.97	115.98	86.98	57.99	28.99	14.50	10.87	7.25	3.62	1.81	1.45	1.09	0.72	0.36	0.18	0.09	15								
	50	288.87	144.43	115.55	86.66	57.77	28.89	14.44	10.83	7.22	3.61	1.80	1.44	1.08	0.72	0.36	0.18	0.09	10								
	55	287.78	143.89	115.11	86.33	57.56	28.78	14.39	10.79	7.19	3.60	1.80	1.44	1.08	0.72	0.36	0.18	0.09	5								
	60	286.69	143.35	114.68	86.01	57.34	28.67	14.33	10.75	7.17	3.58	1.79	1.43	1.07	0.72	0.36	0.18	0.09	0								
69	0	286.69	143.35	114.68	86.01	57.34	28.67	14.33	10.75	7.17	3.58	1.79	1.43	1.07	0.72	0.36	0.18	0.09	60								
	5	285.61	142.80	114.24	85.68	57.12	28.56	14.28	10.71	7.14	3.57	1.78	1.43	1.07	0.71	0.36	0.18	0.09	55								
	10	284.52	142.26	113.81	85.36	56.90	28.45	14.23	10.67	7.11	3.56	1.78	1.42	1.07	0.71	0.36	0.18	0.09	50								
	15	283.43	141.72	113.37	85.03	56.69	28.34	14.17	10.63	7.09	3.54	1.77	1.42	1.06	0.71	0.35	0.18	0.09	45								
	20	282.34	141.17	112.94	84.70	56.47	28.23	14.12	10.59	7.06	3.53	1.76	1.41	1.06	0.71	0.35	0.18	0.09	40								
	25	281.25	140.63	112.50	84.38	56.25	28.																				

Seigerteuffe

V 2

Seigerteuffe

Donleige		Zachter																Golle							
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	Gr.						
70	0	273.62	136.81	109.45	82.08	54.72	27.36	13.68	10.26	6.84	3.42	1.71	1.37	1.03	0.68	0.34	0.17	0.09	60						
	5	272.52	136.26	109.01	81.76	54.50	27.25	13.63	10.22	6.81	3.41	1.70	1.36	1.02	0.68	0.34	0.17	0.08	55						
	10	271.43	135.71	108.57	81.43	54.29	27.14	13.57	10.18	6.79	3.39	1.70	1.36	1.02	0.68	0.34	0.17	0.08	50						
	15	270.33	135.17	108.13	81.10	54.07	27.03	13.52	10.14	6.76	3.38	1.69	1.35	1.01	0.68	0.34	0.17	0.08	45						
	20	269.24	134.62	107.69	80.77	53.85	26.92	13.46	10.10	6.73	3.36	1.68	1.35	1.01	0.67	0.34	0.17	0.08	40						
	25	268.14	134.07	107.26	80.44	53.63	26.81	13.41	10.05	6.70	3.35	1.68	1.34	1.01	0.67	0.33	0.17	0.08	35						
	30	267.05	133.52	106.82	80.11	53.41	26.70	13.35	10.01	6.68	3.34	1.67	1.33	1.00	0.67	0.33	0.17	0.08	30						
	35	265.95	132.97	106.38	79.78	53.19	26.59	13.30	9.97	6.65	3.32	1.66	1.33	1.00	0.66	0.33	0.17	0.08	25						
	40	264.85	132.42	105.94	79.45	52.97	26.48	13.24	9.93	6.62	3.31	1.65	1.32	0.99	0.66	0.33	0.17	0.08	20						
	45	263.75	131.88	105.50	79.13	52.75	26.37	13.19	9.89	6.59	3.30	1.65	1.32	0.99	0.66	0.33	0.16	0.08	15						
	50	262.65	131.33	105.06	78.80	52.53	26.26	13.13	9.85	6.57	3.28	1.64	1.31	0.98	0.66	0.33	0.16	0.08	10						
	55	261.55	130.78	104.62	78.47	52.31	26.15	13.08	9.81	6.54	3.27	1.63	1.31	0.98	0.65	0.33	0.16	0.08	5						
	60	260.45	130.23	104.18	78.14	52.09	26.04	13.02	9.77	6.51	3.26	1.63	1.30	0.98	0.65	0.33	0.16	0.08	0						
71	0	260.45	130.23	104.18	78.14	52.09	26.04	13.02	9.77	6.51	3.26	1.63	1.30	0.98	0.65	0.33	0.16	0.08	60						
	5	259.35	129.68	103.74	77.81	51.87	25.93	12.97	9.73	6.48	3.24	1.62	1.30	0.97	0.65	0.32	0.16	0.08	55						
	10	258.25	129.13	103.30	77.48	51.65	25.82	12.91	9.68	6.46	3.23	1.61	1.29	0.97	0.65	0.32	0.16	0.08	50						
	15	257.15	128.58	102.86	77.14	51.43	25.71	12.86	9.64	6.43	3.21	1.61	1.29	0.96	0.64	0.32	0.16	0.08	45						
	20	256.05	128.02	102.42	76.81	51.21	25.60	12.80	9.60	6.40	3.20	1.60	1.28	0.96	0.64	0.32	0.16	0.08	40						
	25	254.95	127.47	101.98	76.48	50.99	25.49	12.75	9.56	6.37	3.19	1.59	1.27	0.96	0.64	0.32	0.16	0.08	35						
	30	253.84	126.92	101.54	76.15	50.77	25.38	12.69	9.52	6.35	3.17	1.59	1.27	0.95	0.63	0.32	0.16	0.08	30						
	35	252.74	126.37	101.10	75.82	50.55	25.27	12.64	9.48	6.32	3.16	1.58	1.26	0.95	0.63	0.32	0.16	0.08	25						
	40	251.64	125.82	100.65	75.49	50.33	25.16	12.58	9.44	6.29	3.14	1.57	1.26	0.94	0.63	0.31	0.16	0.08	20						
	45	250.53	125.27	100.21	75.16	50.11	25.05	12.53	9.39	6.26	3.13	1.57	1.25	0.94	0.63	0.31	0.16	0.08	15						
	50	249.43	124.71	99.77	74.83	49.88	24.94	12.47	9.35	6.24	3.12	1.56	1.25	0.93	0.62	0.31	0.16	0.08	10						
	55	248.32	124.16	99.33	74.50	49.66	24.83	12.42	9.31	6.21	3.10	1.55	1.24	0.93	0.62	0.31	0.15	0.08	5						
	60	247.21	123.61	98.88	74.16	49.44	24.72	12.36	9.27	6.18	3.09	1.54	1.24	0.93	0.62	0.31	0.15	0.08	0						
18																									
Zachter																									
Golle																									
Donleige																									

Sohle

Donlege		Zachter																Golle	
Gr. M.		10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	
72	0	247.21	123.61	98.88	74.16	49.44	24.72	12.36	9.27	6.18	3.09	1.54	1.24	0.93	0.62	0.31	0.15	0.08	60
	5	246.11	123.05	98.44	73.83	49.22	24.61	12.30	9.23	6.15	3.08	1.54	1.23	0.92	0.61	0.31	0.15	0.08	55
	10	245.00	122.50	98.00	73.50	49.00	24.50	12.25	9.19	6.12	3.06	1.53	1.22	0.92	0.61	0.31	0.15	0.08	50
	15	243.89	121.95	97.56	73.17	48.78	24.39	12.19	9.15	6.10	3.05	1.52	1.22	0.91	0.61	0.30	0.15	0.08	45
	20	242.78	121.39	97.11	72.83	48.56	24.28	12.14	9.10	6.07	3.03	1.52	1.21	0.91	0.61	0.30	0.15	0.08	40
	25	241.67	120.84	96.67	72.50	48.33	24.17	12.08	9.06	6.04	3.02	1.51	1.21	0.91	0.60	0.30	0.15	0.08	35
	30	240.56	120.28	96.23	72.17	48.11	24.06	12.03	9.02	6.01	3.01	1.50	1.20	0.90	0.60	0.30	0.15	0.07	30
	35	239.45	119.73	95.78	71.84	47.89	23.94	11.97	8.98	5.99	2.99	1.50	1.20	0.90	0.60	0.30	0.15	0.07	25
	40	238.34	119.17	95.34	71.50	47.67	23.83	11.92	8.94	5.96	2.98	1.49	1.19	0.89	0.60	0.30	0.15	0.07	20
	45	237.23	118.62	94.89	71.17	47.45	23.72	11.86	8.90	5.93	2.96	1.48	1.19	0.89	0.59	0.30	0.15	0.07	15
	50	236.12	118.06	94.45	70.84	47.22	23.61	11.81	8.85	5.90	2.95	1.48	1.18	0.88	0.59	0.29	0.15	0.07	10
	55	235.01	117.50	94.00	70.50	47.00	23.50	11.75	8.81	5.87	2.94	1.47	1.17	0.88	0.59	0.29	0.15	0.07	5
	60	233.90	116.95	93.56	70.17	46.78	23.39	11.69	8.77	5.85	2.92	1.46	1.17	0.88	0.58	0.29	0.15	0.07	0
73	0	233.90	116.95	93.56	70.17	46.78	23.39	11.69	8.77	5.85	2.92	1.46	1.17	0.88	0.58	0.29	0.15	0.07	60
	5	232.78	116.39	93.11	69.83	46.56	23.28	11.64	8.73	5.82	2.91	1.45	1.16	0.87	0.58	0.29	0.14	0.07	55
	10	231.67	115.83	92.67	69.50	46.33	23.17	11.58	8.69	5.79	2.90	1.45	1.16	0.87	0.58	0.29	0.14	0.07	50
	15	230.56	115.28	92.22	69.17	46.11	23.06	11.53	8.65	5.76	2.88	1.44	1.15	0.86	0.58	0.29	0.14	0.07	45
	20	229.44	114.72	91.78	68.83	45.89	22.94	11.47	8.60	5.74	2.87	1.43	1.15	0.86	0.57	0.29	0.14	0.07	40
	25	228.33	114.16	91.33	68.50	45.67	22.83	11.42	8.56	5.71	2.85	1.43	1.14	0.86	0.57	0.28	0.14	0.07	35
	30	227.21	113.61	90.88	68.16	45.44	22.72	11.36	8.52	5.68	2.84	1.42	1.14	0.85	0.57	0.28	0.14	0.07	30
	35	226.10	113.05	90.44	67.83	45.22	22.61	11.30	8.48	5.65	2.83	1.41	1.13	0.85	0.56	0.28	0.14	0.07	25
	40	224.98	112.49	89.99	67.49	45.00	22.50	11.25	8.44	5.62	2.81	1.41	1.12	0.84	0.56	0.28	0.14	0.07	20
	45	223.86	111.93	89.54	67.16	44.77	22.39	11.19	8.39	5.60	2.80	1.40	1.12	0.84	0.56	0.28	0.14	0.07	15
	50	222.75	111.37	89.10	66.82	44.55	22.27	11.14	8.35	5.57	2.78	1.39	1.11	0.83	0.56	0.28	0.14	0.07	10
	55	221.63	110.81	88.65	66.49	44.33	22.16	11.08	8.31	5.54	2.77	1.38	1.11	0.83	0.55	0.28	0.14	0.07	5
	60	220.51	110.25	88.20	66.15	44.10	22.05	11.02	8.27	5.51	2.76	1.38	1.10	0.83	0.55	0.28	0.14	0.07	0
	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$		Gr.
																			Donlege

Seigerteuffe

Seigerteuffe

Donleige		Zachter													Zolle												
Gr.	M.	10	5	4	3	2	1	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{6}$	$\frac{1}{7}$	5	4	3	2	1	$\frac{1}{2}$	$\frac{1}{3}$							
74	0	220.51	110.25	88.20	66.15	44.10	22.05	11.02	8.27	5.51	2.76	1.38	1.10	0.83	0.55	0.28	0.14	0.07									
	5	219.39	109.70	87.76	65.82	43.88	21.94	10.97	8.23	5.48	2.74	1.37	1.10	0.82	0.55	0.27	0.14	0.07									
	10	218.27	109.14	87.31	65.48	43.65	21.83	10.91	8.18	5.46	2.73	1.36	1.09	0.82	0.55	0.27	0.14	0.07									
	15	217.15	108.58	86.86	65.15	43.43	21.71	10.86	8.14	5.43	2.71	1.35	1.09	0.81	0.54	0.27	0.14	0.07									
	20	216.03	108.02	86.41	64.81	43.21	21.60	10.80	8.10	5.40	2.70	1.35	1.08	0.81	0.54	0.27	0.13	0.07									
	25	214.91	107.46	85.96	64.47	42.98	21.49	10.75	8.06	5.37	2.69	1.34	1.07	0.81	0.54	0.27	0.13	0.07									
	30	213.79	106.89	85.52	64.14	42.76	21.38	10.69	8.02	5.34	2.67	1.34	1.07	0.80	0.53	0.27	0.13	0.07									
	35	212.67	106.33	85.07	63.80	42.53	21.27	10.63	7.97	5.32	2.66	1.33	1.06	0.80	0.53	0.27	0.13	0.07									
	40	211.55	105.77	84.62	63.46	42.31	21.15	10.58	7.92	5.29	2.64	1.32	1.05	0.79	0.53	0.26	0.13	0.07									
	45	210.42	105.21	84.17	63.13	42.08	21.04	10.52	7.89	5.26	2.63	1.31	1.05	0.79	0.53	0.26	0.13	0.07									
	50	209.30	104.65	83.72	62.79	41.86	20.93	10.46	7.85	5.23	2.62	1.31	1.05	0.78	0.52	0.26	0.13	0.06									
55	208.18	104.09	83.27	62.45	41.64	20.82	10.41	7.81	5.20	2.60	1.30	1.04	0.78	0.52	0.26	0.13	0.06										
60	207.05	103.53	82.82	62.12	41.41	20.71	10.35	7.76	5.18	2.59	1.29	1.03	0.78	0.52	0.26	0.13	0.06										
75	0	207.05	103.53	82.82	62.12	41.41	20.71	10.35	7.76	5.18	2.59	1.29	1.03	0.78	0.52	0.26	0.13	0.06									
	5	205.93	102.97	82.37	61.78	41.19	20.59	10.30	7.72	5.15	2.57	1.29	1.03	0.77	0.51	0.26	0.13	0.06									
	10	204.81	102.40	81.92	61.44	40.96	20.48	10.24	7.68	5.12	2.56	1.28	1.02	0.77	0.51	0.26	0.13	0.06									
	15	203.68	101.84	81.47	61.10	40.74	20.37	10.18	7.64	5.09	2.55	1.27	1.02	0.76	0.51	0.25	0.13	0.06									
	20	202.56	101.28	81.02	60.77	40.51	20.26	10.13	7.60	5.06	2.53	1.27	1.01	0.76	0.51	0.25	0.13	0.06									
	25	201.43	100.71	80.57	60.43	40.29	20.14	10.07	7.55	5.04	2.52	1.26	1.01	0.75	0.50	0.25	0.13	0.06									
	30	200.30	100.15	80.12	60.09	40.06	20.03	10.01	7.51	5.01	2.50	1.25	1.00	0.75	0.50	0.25	0.12	0.06									
	35	199.18	99.59	79.67	59.75	39.83	19.92	9.96	7.47	4.98	2.49	1.24	1.00	0.75	0.50	0.25	0.12	0.06									
	40	198.05	99.02	79.22	59.41	39.61	19.80	9.90	7.43	4.95	2.48	1.24	0.99	0.74	0.49	0.25	0.12	0.06									
	45	196.92	98.46	78.77	59.08	39.38	19.69	9.85	7.38	4.92	2.46	1.23	0.98	0.74	0.49	0.25	0.12	0.06									
	50	195.79	97.90	78.32	58.74	39.16	19.58	9.79	7.34	4.89	2.45	1.22	0.98	0.73	0.49	0.24	0.12	0.06									
55	194.67	97.33	77.87	58.40	38.93	19.47	9.73	7.30	4.87	2.43	1.22	0.97	0.73	0.49	0.24	0.12	0.06										
60	193.54	96.77	77.41	58.06	38.71	19.35	9.68	7.26	4.84	2.42	1.21	0.97	0.73	0.48	0.24	0.12	0.06										
		10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$									
		Zachter													Zolle												
															Donleige												

Sohle

Donleget	Zachter												Golle						
	Gr. M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	Donleget
76	0	193.54	96.77	77.41	58.06	38.71	19.35	9.68	7.26	4.84	2.42	1.21	0.97	0.73	0.48	0.24	0.12	0.06	60
	5	192.41	96.20	76.96	57.72	38.48	19.24	9.62	7.21	4.81	2.40	1.20	0.96	0.72	0.48	0.24	0.12	0.06	55
	10	191.28	95.64	76.51	57.38	38.26	19.13	9.56	7.17	4.78	2.39	1.19	0.96	0.72	0.48	0.24	0.12	0.06	50
	15	190.15	95.07	76.06	57.04	38.03	19.01	9.51	7.13	4.75	2.38	1.19	0.95	0.71	0.47	0.24	0.12	0.06	45
	20	189.02	94.51	75.61	56.70	37.80	18.90	9.45	7.09	4.72	2.36	1.18	0.94	0.71	0.47	0.24	0.12	0.06	40
	25	187.89	93.94	75.15	56.37	37.58	18.79	9.39	7.05	4.70	2.35	1.17	0.94	0.70	0.47	0.23	0.12	0.06	35
	30	186.76	93.38	74.70	56.03	37.35	18.68	9.34	7.00	4.67	2.33	1.17	0.93	0.70	0.47	0.23	0.12	0.06	30
	35	185.62	92.81	74.25	55.69	37.12	18.56	9.28	6.96	4.64	2.32	1.16	0.93	0.70	0.46	0.23	0.12	0.06	25
	40	184.49	92.25	73.80	55.35	36.90	18.45	9.22	6.92	4.61	2.31	1.15	0.92	0.69	0.46	0.23	0.11	0.06	20
	45	183.36	91.68	73.34	55.01	36.67	18.34	9.17	6.88	4.58	2.29	1.15	0.92	0.69	0.46	0.23	0.11	0.06	15
	50	182.23	91.11	72.89	54.67	36.45	18.22	9.11	6.83	4.56	2.28	1.14	0.91	0.68	0.46	0.23	0.11	0.06	10
	55	181.09	90.55	72.44	54.33	36.22	18.11	9.05	6.79	4.53	2.26	1.13	0.90	0.68	0.45	0.23	0.11	0.06	5
	60	179.96	89.98	71.98	53.99	35.99	18.00	9.00	6.75	4.50	2.25	1.12	0.90	0.67	0.45	0.22	0.11	0.06	0
77	0	179.96	89.98	71.98	53.99	35.99	18.00	9.00	6.75	4.50	2.25	1.12	0.90	0.67	0.45	0.22	0.11	0.06	60
	5	178.83	89.41	71.53	53.65	35.76	17.88	8.94	6.71	4.47	2.23	1.12	0.89	0.67	0.45	0.22	0.11	0.06	55
	10	177.69	88.85	71.08	53.31	35.54	17.77	8.88	6.66	4.44	2.22	1.11	0.89	0.67	0.44	0.22	0.11	0.06	50
	15	176.56	88.28	70.62	52.97	35.31	17.66	8.83	6.62	4.41	2.21	1.10	0.88	0.66	0.44	0.22	0.11	0.05	45
	20	175.42	87.71	70.17	52.63	35.08	17.54	8.77	6.58	4.39	2.19	1.10	0.88	0.66	0.44	0.22	0.11	0.05	40
	25	174.29	87.14	69.71	52.29	34.86	17.43	8.71	6.54	4.36	2.18	1.09	0.87	0.65	0.44	0.22	0.11	0.05	35
	30	173.15	86.58	69.26	51.95	34.63	17.31	8.66	6.49	4.33	2.16	1.08	0.87	0.65	0.43	0.22	0.11	0.05	30
	35	172.02	86.01	68.81	51.60	34.40	17.20	8.60	6.45	4.30	2.15	1.07	0.86	0.64	0.43	0.21	0.11	0.05	25
	40	170.88	85.44	68.35	51.26	34.18	17.09	8.54	6.41	4.27	2.14	1.07	0.85	0.64	0.43	0.21	0.11	0.05	20
	45	169.74	84.87	67.90	50.92	33.95	16.97	8.49	6.36	4.24	2.12	1.06	0.85	0.64	0.42	0.21	0.11	0.05	15
	50	168.60	84.30	67.44	50.58	33.72	16.86	8.43	6.32	4.21	2.11	1.05	0.84	0.63	0.42	0.21	0.10	0.05	10
	55	167.47	83.73	66.99	50.24	33.49	16.75	8.37	6.28	4.19	2.09	1.05	0.84	0.63	0.42	0.21	0.10	0.05	5
	60	166.33	83.16	66.53	49.90	33.27	16.63	8.32	6.24	4.16	2.08	1.04	0.83	0.62	0.42	0.21	0.10	0.05	0
78	0	166.33	83.16	66.53	49.90	33.27	16.63	8.32	6.24	4.16	2.08	1.04	0.83	0.62	0.42	0.21	0.10	0.05	12
	10	165.20	82.59	66.08	49.56	33.04	16.52	8.26	6.19	4.13	2.07	1.03	0.82	0.61	0.41	0.21	0.10	0.05	11
	5	164.07	82.02	65.63	49.22	32.81	16.41	8.20	6.14	4.10	2.06	1.02	0.81	0.60	0.40	0.21	0.10	0.05	10
	4	162.94	81.45	65.18	48.88	32.58	16.30	8.14	6.09	4.07	2.05	1.01	0.80	0.59	0.39	0.21	0.10	0.05	9
	3	161.81	80.88	64.73	48.54	32.35	16.19	8.08	6.04	4.04	2.04	1.00	0.79	0.58	0.38	0.21	0.10	0.05	8
	2	160.68	80.31	64.28	48.20	32.12	16.08	8.02	6.00	4.01	2.03	0.99	0.78	0.57	0.37	0.21	0.10	0.05	7
	1	159.55	79.74	63.83	47.86	31.89	15.97	7.96	5.95	3.98	2.02	0.98	0.77	0.56	0.36	0.21	0.10	0.05	6
	$\frac{4}{8}$	158.42	79.17	63.38	47.52	31.66	15.86	7.90	5.90	3.95	2.01	0.97	0.76	0.55	0.35	0.21	0.10	0.05	5
	$\frac{3}{8}$	157.29	78.60	62.93	47.18	31.43	15.75	7.84	5.85	3.92	2.00	0.96	0.75	0.54	0.34	0.21	0.10	0.05	4
	$\frac{2}{8}$	156.16	78.03	62.48	46.84	31.20	15.64	7.78	5.80	3.89	1.99	0.95	0.74	0.53	0.33	0.21	0.10	0.05	3
	$\frac{1}{8}$	155.03	77.46	62.03	46.50	30.97	15.53	7.72	5.75	3.86	1.98	0.94	0.73	0.52	0.32	0.21	0.10	0.05	2
	5	153.90	76.89	61.58	46.16	30.74	15.42	7.66	5.70	3.83	1.97	0.93	0.72	0.51	0.31	0.21	0.10	0.05	1
	4	152.77	76.32	61.13	45.82	30.51	15.31	7.60	5.65	3.80	1.96	0.92	0.71	0.50	0.30	0.21	0.10	0.05	$\frac{2}{4}$
	3	151.64	75.75	60.68	45.48	30.28	15.20	7.54	5.60	3.77	1.95	0.91	0.70	0.49	0.29	0.21	0.10	0.05	$\frac{1}{4}$
	2	150.51	75.18	60.23	45.14	30.05	15.09	7.48	5.55	3.74	1.94	0.90	0.69	0.48	0.28	0.21	0.10	0.05	M.
	1	149.38	74.61	59.78	44.80	29.82	14.98	7.42	5.50	3.71	1.93	0.89	0.68	0.47	0.27	0.21	0.10	0.05	Gr.
	$\frac{4}{8}$	148.25	74.04	59.33	44.46	29.59	14.87	7.36	5.45	3.68	1.92	0.88	0.67	0.46	0.26	0.21	0.10	0.05	
	$\frac{3}{8}$	147.12	73.47	58.88	44.12	29.36	14.76	7.30	5.40	3.65	1.91	0.87	0.66	0.45	0.25	0.21	0.10	0.05	
	$\frac{2}{8}$	145.99	72.90	58.43	43.78	29.13	14.65	7.24	5.35	3.62	1.90	0.86	0.65	0.44	0.24	0.21	0.10	0.05	
	$\frac{1}{8}$	144.86	72.33	57.98	43.44	28.90	14.54	7.18	5.30	3.59	1.89	0.85	0.64	0.43	0.23	0.21	0.10	0.05	
	5	143.73	71.76	57.53	43.10	28.67	14.43	7.12	5.25	3.56	1.88	0.84	0.63	0.42	0.22	0.21	0.10	0.05	
	4	142.60	71.19	57.08	42.76	28.44	14.32	7.06	5.20	3.53	1.87	0.83	0.62	0.41	0.21	0.21	0.10	0.05	
	3	141.47	70.62	56.63	42.42	28.21	14.21	7.00	5.15	3.50	1.86	0.82	0.61	0.40	0.20	0.21	0.10	0.05	
	2	140.34	70.05	56.18	42.08	27.98	14.10	6.94	5.10	3.47	1.85	0.81	0.60	0.39	0.19	0.21	0.10	0.05	
	1	139.21	69.48	55.73	41.74	27.75	14.00	6.88	5.05	3.44	1.84	0.80	0.59	0.38	0.18	0.21	0.10	0.05	
	$\frac{4}{8}$	138.08	68.91	55.28	41.40	27.52	13.89	6.82	5.00	3.41	1.83	0.79	0.58	0.37	0.17	0.21	0.10	0.05	
	$\frac{3}{8}$	136.95	68.34	54.83	41.06	27.29	13.78	6.76	4.95	3.38	1.82	0.78	0.57	0.36	0.16	0.21	0.10	0.05	
	$\frac{2}{8}$	135.82	67.77	54.38	40.72	27.06	13.67	6.70	4.90	3.35	1.81	0.77	0.56	0.35	0.15	0.21	0.10	0.05	
	$\frac{1}{8}$	134.69	67.20	53.93	40.38	26.83	13.56	6.64	4.85	3.32	1.80	0.76	0.55	0.34	0.14	0.21	0.10	0.05	
	5	133.56	66.63	53.48	40.04	26.60	13.45	6.58	4.80	3.29	1.79	0.75	0.54	0.33	0.13	0.21	0.10	0.05	
	4	132.43	66.06	53.03	39.70	26.37	13.34	6.52	4.75	3.26	1.78	0.74	0.53	0.32	0.12	0.21	0.10	0.05	
	3	131.30	65.49	52.58	39.36	26.14	13.23	6.46	4.70	3.23	1.77	0.73	0.52	0.31	0.11	0.21	0.10	0.05	
	2	130.17	64.92	52.13	38.92	25.91	13.12	6.40	4.65	3.20	1.76	0.72	0.51	0.30	0.10	0.21	0.10	0.05	
	1	129.04	64.35	51.68	38.58	25.68	13.01	6.34	4.60	3.17	1.75	0.71	0.50	0.29	0.09	0.21	0.10	0.05	
	$\frac{4}{8}$	127.91	63.78	51.23	38.24	25.45	12.90	6.28	4.55	3.14	1.74	0.70	0.49	0.28	0.08	0.21	0.10	0.05	
	$\frac{3}{8}$	126.78	63.21	50.78	37.90	25.22	12.79	6.22	4.50	3.11	1.73	0.69	0.48	0.27	0.07	0.21	0.10	0.05	
	$\frac{2}{8}$	125.65	62.64	50.33	37.56	24.99	12.68	6.16	4.45	3.08	1.72	0.68	0.47	0.26	0.06	0.21	0.10	0.05	
	$\frac{1}{8}$	124.52	62.07	49.88	37.22	24.76	12.57	6.10	4.40	3.05	1.71	0.67	0.46	0.25	0.05	0.21	0.10	0.05	
	5	123.39	61.50	49.43	36.88	24.53	12.46	6.04	4.35	3.02									

Sohle

Donleget		Zachter										Sohle									
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{8}$	$\frac{1}{8}$			
78																					
0	166.33	83.16	66.53	49.90	33.27	16.63	8.32	6.24	4.16	2.08	1.04	0.83	0.62	0.42	0.21	0.10	0.05	60	10		
5	165.19	82.60	66.08	49.56	33.04	16.52	8.26	6.19	4.13	2.06	1.03	0.83	0.62	0.41	0.21	0.10	0.05	55	10		
10	164.05	82.03	65.62	49.22	32.81	16.40	8.20	6.15	4.10	2.05	1.02	0.82	0.61	0.41	0.20	0.10	0.05	50	10		
15	162.91	81.46	65.16	48.87	32.58	16.29	8.15	6.11	4.07	2.04	1.02	0.81	0.61	0.41	0.20	0.10	0.05	45	10		
20	161.77	80.89	64.71	48.53	32.35	16.18	8.09	6.07	4.04	2.02	1.01	0.81	0.61	0.40	0.20	0.10	0.05	40	10		
25	160.63	80.32	64.25	48.19	32.13	16.06	8.03	6.02	4.02	2.01	1.00	0.80	0.60	0.40	0.20	0.10	0.05	35	10		
30	159.49	79.75	63.80	47.85	31.90	15.95	7.97	5.98	3.99	1.99	1.00	0.80	0.60	0.40	0.20	0.10	0.05	30	10		
35	158.35	79.18	63.34	47.51	31.67	15.83	7.92	5.94	3.96	1.98	0.99	0.79	0.59	0.40	0.20	0.10	0.05	25	10		
40	157.21	78.61	62.88	47.16	31.44	15.72	7.86	5.89	3.93	1.96	0.98	0.79	0.59	0.39	0.20	0.10	0.05	20	10		
45	156.07	78.04	62.43	46.82	31.21	15.61	7.80	5.85	3.90	1.95	0.97	0.78	0.58	0.39	0.19	0.10	0.05	15	10		
50	154.93	77.46	61.97	46.48	30.99	15.49	7.75	5.81	3.87	1.94	0.97	0.77	0.58	0.39	0.19	0.10	0.05	10	10		
55	153.79	76.89	61.52	46.14	30.76	15.38	7.69	5.77	3.84	1.92	0.96	0.77	0.58	0.38	0.19	0.10	0.05	5	10		
60	152.65	76.32	61.06	45.79	30.53	15.26	7.63	5.72	3.82	1.91	0.95	0.76	0.57	0.38	0.19	0.09	0.05	0	10		
79																					
0	152.65	76.32	61.06	45.79	30.53	15.26	7.63	5.72	3.82	1.91	0.95	0.76	0.57	0.38	0.19	0.09	0.05	60	10		
5	151.50	75.75	60.60	45.45	30.30	15.15	7.57	5.68	3.79	1.89	0.95	0.76	0.57	0.38	0.19	0.09	0.05	55	10		
10	150.36	75.18	60.14	45.11	30.07	15.04	7.52	5.64	3.76	1.88	0.94	0.75	0.56	0.38	0.19	0.09	0.05	50	10		
15	149.22	74.61	59.69	44.77	29.84	14.92	7.46	5.60	3.73	1.86	0.93	0.75	0.56	0.37	0.19	0.09	0.05	45	10		
20	148.08	74.04	59.23	44.42	29.61	14.81	7.40	5.55	3.70	1.85	0.92	0.74	0.55	0.37	0.18	0.09	0.05	40	10		
25	146.93	73.47	58.77	44.08	29.39	14.69	7.35	5.51	3.67	1.84	0.92	0.73	0.55	0.37	0.18	0.09	0.05	35	10		
30	145.79	72.89	58.31	43.74	29.16	14.58	7.29	5.47	3.64	1.82	0.91	0.73	0.55	0.36	0.18	0.09	0.05	30	10		
35	144.64	72.32	57.86	43.39	28.93	14.46	7.23	5.42	3.62	1.81	0.90	0.72	0.54	0.36	0.18	0.09	0.04	25	10		
40	143.50	71.75	57.40	43.05	28.70	14.35	7.17	5.38	3.59	1.79	0.90	0.72	0.54	0.36	0.18	0.09	0.04	20	10		
45	142.35	71.18	56.94	42.71	28.47	14.23	7.12	5.34	3.56	1.78	0.89	0.71	0.53	0.36	0.18	0.09	0.04	15	10		
50	141.21	70.60	56.48	42.36	28.24	14.12	7.06	5.29	3.53	1.76	0.88	0.71	0.53	0.35	0.18	0.09	0.04	10	10		
55	140.06	70.03	56.03	42.02	28.01	14.01	7.00	5.25	3.50	1.75	0.87	0.70	0.52	0.35	0.17	0.09	0.04	5	10		
60	138.92	69.46	55.57	41.68	27.78	13.89	6.95	5.21	3.47	1.74	0.87	0.69	0.52	0.35	0.17	0.09	0.04	0	10		
Zachter																					
Sohle																					
Donleget																					

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Donlege										Zachter										Sohle																														
Gr. M.										Gr. M.										Gr. M.																														
10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$																				
138.92	69.46	55.57	41.68	27.78	13.89	6.95	5.21	3.47	1.74	0.87	0.69	0.52	0.35	0.17	0.09	0.04	138.92	69.46	55.57	41.68	27.78	13.89	6.95	5.21	3.47	1.74	0.87	0.69	0.52	0.35	0.17	0.09	0.04	138.92	69.46	55.57	41.68	27.78	13.89	6.95	5.21	3.47	1.74	0.87	0.69	0.52	0.35	0.17	0.09	0.04
137.77	68.89	55.11	41.33	27.55	13.78	6.89	5.17	3.44	1.72	0.86	0.69	0.52	0.34	0.17	0.09	0.04	137.77	68.89	55.11	41.33	27.55	13.78	6.89	5.17	3.44	1.72	0.86	0.69	0.52	0.34	0.17	0.09	0.04	137.77	68.89	55.11	41.33	27.55	13.78	6.89	5.17	3.44	1.72	0.86	0.69	0.52	0.34	0.17	0.09	0.04
136.63	68.31	54.65	40.99	27.32	13.66	6.83	5.12	3.42	1.71	0.85	0.68	0.51	0.34	0.17	0.08	0.04	136.63	68.31	54.65	40.99	27.32	13.66	6.83	5.12	3.42	1.71	0.85	0.68	0.51	0.34	0.17	0.08	0.04	136.63	68.31	54.65	40.99	27.32	13.66	6.83	5.12	3.42	1.71	0.85	0.68	0.51	0.34	0.17	0.08	0.04
135.48	67.74	54.19	40.64	27.10	13.45	6.77	5.08	3.39	1.69	0.85	0.68	0.51	0.34	0.17	0.08	0.04	135.48	67.74	54.19	40.64	27.10	13.45	6.77	5.08	3.39	1.69	0.85	0.68	0.51	0.34	0.17	0.08	0.04	135.48	67.74	54.19	40.64	27.10	13.45	6.77	5.08	3.39	1.69	0.85	0.68	0.51	0.34	0.17	0.08	0.04
134.33	67.17	53.73	40.30	26.87	13.43	6.72	5.04	3.36	1.68	0.84	0.67	0.50	0.34	0.17	0.08	0.04	134.33	67.17	53.73	40.30	26.87	13.43	6.72	5.04	3.36	1.68	0.84	0.67	0.50	0.34	0.17	0.08	0.04	134.33	67.17	53.73	40.30	26.87	13.43	6.72	5.04	3.36	1.68	0.84	0.67	0.50	0.34	0.17	0.08	0.04
133.19	66.59	53.27	39.96	26.64	13.32	6.66	4.99	3.33	1.66	0.83	0.67	0.50	0.33	0.17	0.08	0.04	133.19	66.59	53.27	39.96	26.64	13.32	6.66	4.99	3.33	1.66	0.83	0.67	0.50	0.33	0.17	0.08	0.04	133.19	66.59	53.27	39.96	26.64	13.32	6.66	4.99	3.33	1.66	0.83	0.67	0.50	0.33	0.17	0.08	0.04
132.04	66.02	52.81	39.61	26.41	13.20	6.60	4.95	3.30	1.65	0.82	0.66	0.49	0.33	0.16	0.08	0.04	132.04	66.02	52.81	39.61	26.41	13.20	6.60	4.95	3.30	1.65	0.82	0.66	0.49	0.33	0.16	0.08	0.04	132.04	66.02	52.81	39.61	26.41	13.20	6.60	4.95	3.30	1.65	0.82	0.66	0.49	0.33	0.16	0.08	0.04
130.89	65.44	52.36	39.27	26.18	13.09	6.54	4.91	3.27	1.64	0.82	0.65	0.49	0.33	0.16	0.08	0.04	130.89	65.44	52.36	39.27	26.18	13.09	6.54	4.91	3.27	1.64	0.82	0.65	0.49	0.33	0.16	0.08	0.04	130.89	65.44	52.36	39.27	26.18	13.09	6.54	4.91	3.27	1.64	0.82	0.65	0.49	0.33	0.16	0.08	0.04
129.74	64.87	51.90	38.92	25.95	12.97	6.49	4.86	3.24	1.62	0.81	0.65	0.49	0.32	0.16	0.08	0.04	129.74	64.87	51.90	38.92	25.95	12.97	6.49	4.86	3.24	1.62	0.81	0.65	0.49	0.32	0.16	0.08	0.04	129.74	64.87	51.90	38.92	25.95	12.97	6.49	4.86	3.24	1.62	0.81	0.65	0.49	0.32	0.16	0.08	0.04
128.59	64.30	51.44	38.58	25.72	12.86	6.43	4.82	3.21	1.61	0.80	0.64	0.48	0.32	0.16	0.08	0.04	128.59	64.30	51.44	38.58	25.72	12.86	6.43	4.82	3.21	1.61	0.80	0.64	0.48	0.32	0.16	0.08	0.04	128.59	64.30	51.44	38.58	25.72	12.86	6.43	4.82	3.21	1.61	0.80	0.64	0.48	0.32	0.16	0.08	0.04
127.45	63.72	50.98	38.23	25.49	12.74	6.37	4.78	3.19	1.59	0.80	0.64	0.48	0.32	0.16	0.08	0.04	127.45	63.72	50.98	38.23	25.49	12.74	6.37	4.78	3.19	1.59	0.80	0.64	0.48	0.32	0.16	0.08	0.04	127.45	63.72	50.98	38.23	25.49	12.74	6.37	4.78	3.19	1.59	0.80	0.64	0.48	0.32	0.16	0.08	0.04
126.30	63.15	50.52	37.89	25.26	12.63	6.31	4.74	3.16	1.58	0.79	0.63	0.47	0.32	0.16	0.08	0.04	126.30	63.15	50.52	37.89	25.26	12.63	6.31	4.74	3.16	1.58	0.79	0.63	0.47	0.32	0.16	0.08	0.04	126.30	63.15	50.52	37.89	25.26	12.63	6.31	4.74	3.16	1.58	0.79	0.63	0.47	0.32	0.16	0.08	0.04
125.15	62.57	50.06	37.54	25.03	12.51	6.26	4.69	3.13	1.56	0.78	0.63	0.47	0.31	0.16	0.08	0.04	125.15	62.57	50.06	37.54	25.03	12.51	6.26	4.69	3.13	1.56	0.78	0.63	0.47	0.31	0.16	0.08	0.04	125.15	62.57	50.06	37.54	25.03	12.51	6.26	4.69	3.13	1.56	0.78	0.63	0.47	0.31	0.16	0.08	0.04
124.00	62.00	49.60	37.20	24.80	12.40	6.20	4.65	3.10	1.55	0.77	0.62	0.46	0.31	0.15	0.08	0.04	124.00	62.00	49.60	37.20	24.80	12.40	6.20	4.65	3.10	1.55	0.77	0.62	0.46	0.31	0.15	0.08	0.04	124.00	62.00	49.60	37.20	24.80	12.40	6.20	4.65	3.10	1.55	0.77	0.62	0.46	0.31	0.15	0.08	0.04
122.85	61.42	49.14	36.85	24.57	12.28	6.14	4.61	3.07	1.54	0.77	0.61	0.46	0.31	0.15	0.08	0.04	122.85	61.42	49.14	36.85	24.57	12.28	6.14	4.61	3.07	1.54	0.77	0.61	0.46	0.31	0.15	0.08	0.04	122.85	61.42	49.14	36.85	24.57	12.28	6.14	4.61	3.07	1.54	0.77	0.61	0.46	0.31	0.15	0.08	0.04
121.70	60.85	48.68	36.51	24.34	12.17	6.08	4.56	3.04	1.52	0.76	0.61	0.46	0.30	0.15	0.08	0.04	121.70	60.85	48.68	36.51	24.34	12.17	6.08	4.56	3.04	1.52	0.76	0.61	0.46	0.30	0.15	0.08	0.04	121.70	60.85	48.68	36.51	24.34	12.17	6.08	4.56	3.04	1.52	0.76	0.61	0.46	0.30	0.15	0.08	0.04
120.55	60.27	48.22	36.16	24.11	12.05	6.03	4.52	3.01	1.51	0.75	0.60	0.45	0.30	0.15	0.07	0.04	120.55	60.27	48.22	36.16	24.11	12.05	6.03	4.52	3.01	1.51	0.75	0.60	0.45	0.30	0.15	0.07	0.04	120.55	60.27	48.22	36.16	24.11	12.05	6.03	4.52	3.01	1.51	0.75	0.60	0.45	0.30	0.15	0.07	0.04
119.40	59.70	47.76	35.82	23.88	11.94	5.97	4.48	2.98	1.49	0.75	0.60	0.45	0.30	0.15	0.07	0.04	119.40	59.70	47.76	35.82	23.88	11.94	5.97	4.48	2.98	1.49	0.75	0.60	0.45	0.30	0.15	0.07	0.04	119.40	59.70	47.76	35.82	23.88	11.94	5.97	4.48	2.98	1.49	0.75	0.60	0.45	0.30	0.15	0.07	0.04
118.25	59.12	47.30	35.47	23.65	11.82	5.91	4.43	2.96	1.48	0.74	0.59	0.44	0.30	0.15	0.07	0.04	118.25	59.12	47.30	35.47	23.65	11.82	5.91	4.43	2.96	1.48	0.74	0.59	0.44	0.30	0.15	0.07	0.04	118.25	59.12	47.30														

Donlegge		Zachteer										Zolle									
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$			
82	0	111.34	55.67	44.53	33.40	22.27	11.13	5.57	4.17	2.78	1.39	0.70	0.56	0.42	0.28	0.14	0.07	0.03	60		
	5	110.19	55.09	44.07	33.06	22.04	11.02	5.51	4.13	2.75	1.38	0.69	0.55	0.41	0.27	0.14	0.07	0.03	55		
	10	109.03	54.52	43.61	32.71	21.81	10.90	5.45	4.09	2.73	1.36	0.68	0.54	0.41	0.27	0.14	0.07	0.03	50		
	15	107.88	53.94	43.15	32.36	21.58	10.79	5.39	4.05	2.70	1.35	0.67	0.54	0.40	0.27	0.13	0.07	0.03	45		
	20	106.73	53.36	42.69	32.02	21.35	10.67	5.34	4.00	2.67	1.33	0.67	0.53	0.40	0.27	0.13	0.07	0.03	40		
	25	105.57	52.79	42.23	31.67	21.11	10.56	5.28	3.96	2.64	1.32	0.66	0.53	0.40	0.26	0.13	0.07	0.03	35		
	30	104.42	52.21	41.77	31.33	20.88	10.44	5.22	3.92	2.61	1.30	0.65	0.52	0.39	0.26	0.13	0.06	0.03	30		
	35	103.27	51.63	41.31	30.98	20.65	10.33	5.16	3.87	2.58	1.29	0.64	0.52	0.39	0.26	0.13	0.06	0.03	25		
	40	102.11	51.06	40.84	30.63	20.42	10.21	5.11	3.83	2.55	1.28	0.64	0.51	0.38	0.25	0.13	0.06	0.03	20		
	45	100.96	50.48	40.38	30.29	20.19	10.10	5.05	3.79	2.52	1.26	0.63	0.50	0.38	0.25	0.13	0.06	0.03	15		
	50	99.80	49.90	39.92	29.94	19.96	9.98	4.99	3.74	2.49	1.25	0.62	0.50	0.37	0.25	0.12	0.06	0.03	10		
	55	98.65	49.32	39.46	29.59	19.73	9.86	4.93	3.70	2.47	1.23	0.62	0.49	0.37	0.25	0.12	0.06	0.03	5		
	60	97.49	48.75	39.00	29.25	19.50	9.75	4.87	3.66	2.44	1.22	0.61	0.49	0.37	0.24	0.12	0.06	0.03	0		
83	0	97.49	48.75	39.00	29.25	19.50	9.75	4.87	3.66	2.44	1.22	0.61	0.49	0.37	0.24	0.12	0.06	0.03	60		
	5	96.34	48.17	38.54	28.90	19.27	9.63	4.82	3.61	2.41	1.20	0.60	0.48	0.36	0.24	0.12	0.06	0.03	55		
	10	95.18	47.59	38.07	28.56	19.04	9.52	4.76	3.57	2.38	1.19	0.59	0.48	0.36	0.24	0.12	0.06	0.03	50		
	15	94.03	47.01	37.61	28.21	18.81	9.40	4.70	3.53	2.35	1.17	0.59	0.47	0.35	0.23	0.12	0.06	0.03	45		
	20	92.87	46.44	37.15	27.86	18.57	9.29	4.64	3.48	2.32	1.16	0.58	0.46	0.35	0.23	0.12	0.06	0.03	40		
	25	91.72	45.86	36.69	27.52	18.34	9.17	4.59	3.44	2.29	1.15	0.57	0.46	0.34	0.23	0.11	0				

Seigerteuffe

Sohle

Donlege		Ladter										Sohle									
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$			
84																					
0		83.62	41.81	33.45	25.09	16.72	8.36	4.18	3.14	2.09	1.04	0.52	0.42	0.31	0.21	0.10	0.05	0.03	60		
5		82.47	41.23	32.99	24.74	16.49	8.25	4.12	3.09	2.06	1.03	0.51	0.41	0.31	0.21	0.10	0.05	0.03	55		
10		81.31	40.65	32.52	24.39	16.26	8.13	4.06	3.05	2.03	1.02	0.51	0.41	0.30	0.20	0.10	0.05	0.02	50		
15		80.15	40.07	32.06	24.04	16.03	8.01	4.01	3.01	2.00	1.00	0.50	0.40	0.30	0.20	0.10	0.05	0.02	45		
20		78.99	39.50	31.60	23.70	15.80	7.90	3.95	2.96	1.97	0.99	0.49	0.39	0.30	0.20	0.10	0.05	0.02	40		
25		77.83	38.92	31.13	23.35	15.57	7.78	3.89	2.92	1.95	0.97	0.49	0.39	0.29	0.19	0.10	0.05	0.02	35		
30		76.68	38.34	30.67	23.00	15.33	7.67	3.83	2.87	1.92	0.96	0.48	0.38	0.29	0.19	0.10	0.05	0.02	30		
35		75.52	37.76	30.21	22.65	15.10	7.55	3.78	2.83	1.89	0.94	0.47	0.38	0.28	0.19	0.09	0.05	0.02	25		
40		74.36	37.18	29.74	22.31	14.87	7.44	3.72	2.79	1.86	0.93	0.46	0.37	0.28	0.19	0.09	0.05	0.02	20		
45		73.20	36.60	29.28	21.96	14.64	7.32	3.66	2.74	1.83	0.91	0.46	0.37	0.27	0.18	0.09	0.05	0.02	15		
50		72.04	36.02	28.82	21.61	14.41	7.20	3.60	2.70	1.80	0.90	0.45	0.36	0.27	0.18	0.09	0.04	0.02	10		
55		70.88	35.44	28.35	21.26	14.18	7.09	3.54	2.66	1.77	0.89	0.44	0.35	0.27	0.18	0.09	0.04	0.02	5		
60		69.72	34.86	27.89	20.92	13.94	6.97	3.49	2.61	1.74	0.87	0.44	0.35	0.26	0.17	0.09	0.04	0.02	0		
85																					
0		69.72	34.86	27.89	20.92	13.94	6.97	3.49	2.61	1.74	0.87	0.44	0.35	0.26	0.17	0.09	0.04	0.02	60		
5		68.56	34.28	27.43	20.57	13.71	6.86	3.43	2.57	1.71	0.86	0.43	0.34	0.26	0.17	0.09	0.04	0.02	55		
10		67.41	33.70	26.96	20.22	13.48	6.74	3.37	2.53	1.68	0.84	0.42	0.34	0.25	0.17	0.08	0.04	0.02	50		
15		66.25	33.12	26.50	19.87	13.25	6.62	3.31	2.48	1.66	0.83	0.41	0.33	0.25	0.17	0.08	0.04	0.02	45		
20		65.09	32.54	26.03	19.53	13.02	6.51	3.25	2.44	1.63	0.81	0.41	0.32	0.24	0.16	0.08	0.04	0.02	40		
25		63.93	31.96	25.57	19.18	12.78	6.39	3.20	2.40	1.60	0.80	0.40	0.32	0.24	0.16	0.08	0.04	0.02	35		
30		62.77	31.38	25.11	18.83	12.55	6.28	3.14	2.35	1.57	0.78	0.39	0.31	0.23	0.16	0.08	0.04	0.02	30		
35		61.61	30.80	24.64	18.48	12.32	6.16	3.08	2.31	1.54	0.77	0.38	0.31	0.23	0.15	0.08	0.04	0.02	25		
40		60.45	30.22	24.18	18.13	12.09	6.04	3.02	2.27	1.51	0.76	0.38	0.30	0.23	0.15	0.08	0.04	0.02	20		
45		59.29	29.64	23.71	17.79	11.86	5.93	2.96	2.22	1.48	0.74	0.37	0.30	0.22	0.15	0.07	0.04	0.02	15		
50		58.13	29.06	23.25	17.44	11.62	5.81	2.91	2.18	1.45	0.73	0.36	0.29	0.22	0.14	0.07	0.04	0.02	10		
55		56.97	28.48	22.79	17.09	11.39	5.70	2.85	2.14	1.42	0.71	0.36	0.28	0.21	0.14	0.07	0.04	0.02	5		
60		55.80	27.90	22.32	16.74	11.16	5.58	2.79	2.09	1.39	0.70	0.35	0.28	0.21	0.14	0.07	0.03	0.02	0		
		10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$	Gr.		
		Donlege																			

Seigerteuffe

Sohle

Donleige		Zachter										Golle									
Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$			
86	0	55.80	27.90	22.32	16.74	11.16	5.58	2.79	2.09	1.39	0.70	0.35	0.28	0.21	0.14	0.07	0.03	0.02	60		
	5	54.64	27.32	21.86	16.39	10.93	5.46	2.73	2.05	1.37	0.68	0.34	0.27	0.20	0.14	0.07	0.03	0.02	55		
	10	53.48	26.74	21.39	16.04	10.70	5.35	2.67	2.01	1.34	0.67	0.33	0.27	0.20	0.13	0.07	0.03	0.02	50		
	15	52.32	26.16	20.93	15.70	10.46	5.23	2.62	1.96	1.31	0.65	0.33	0.26	0.20	0.13	0.06	0.03	0.02	45		
	20	51.16	25.58	20.46	15.35	10.23	5.12	2.56	1.92	1.28	0.64	0.32	0.26	0.19	0.13	0.06	0.03	0.02	40		
	25	50.00	25.00	20.00	15.00	10.00	5.00	2.50	1.87	1.25	0.62	0.31	0.25	0.19	0.12	0.06	0.03	0.02	35		
	30	48.84	24.42	19.54	14.65	9.77	4.88	2.44	1.83	1.22	0.61	0.30	0.24	0.18	0.12	0.06	0.03	0.01	30		
	35	47.68	23.84	19.07	14.30	9.53	4.77	2.38	1.79	1.19	0.60	0.30	0.24	0.18	0.12	0.06	0.03	0.01	25		
	40	46.52	23.26	18.61	13.95	9.30	4.65	2.33	1.74	1.16	0.58	0.29	0.23	0.17	0.12	0.06	0.03	0.01	20		
	45	45.35	22.68	18.14	13.61	9.07	4.53	2.27	1.70	1.13	0.57	0.28	0.23	0.17	0.11	0.06	0.03	0.01	15		
	50	44.19	22.10	17.68	13.26	8.84	4.42	2.21	1.66	1.10	0.55	0.28	0.22	0.17	0.11	0.05	0.03	0.01	10		
	55	43.03	21.51	17.21	12.91	8.61	4.30	2.15	1.61	1.08	0.54	0.27	0.21	0.16	0.11	0.05	0.03	0.01	5		
	60	41.87	20.93	16.75	12.56	8.37	4.19	2.09	1.57	1.05	0.52	0.26	0.21	0.16	0.10	0.05	0.03	0.01	0		
87	0	41.87	20.93	16.75	12.56	8.37	4.19	2.09	1.57	1.05	0.52	0.26	0.21	0.16	0.10	0.05	0.03	0.01	60		
	5	40.71	20.35	16.28	12.21	8.14	4.07	2.03	1.53	1.02	0.51	0.25	0.20	0.15	0.10	0.05	0.02	0.01	55		
	10	39.54	19.77	15.82	11.86	7.91	3.95	1.98	1.48	0.99	0.49	0.25	0.20	0.15	0.10	0.05	0.02	0.01	50		
	15	38.38	19.19	15.35	11.51	7.68	3.84	1.92	1.44	0.96	0.48	0.24	0.19	0.14	0.10	0.05	0.02	0.01	45		
	20	37.22	18.61	14.89	11.17	7.44	3.72	1.86	1.40	0.93	0.46	0.23	0.19	0.14	0.09	0.05	0.02	0.01	40		
	25	36.06	18.03	14.42	10.82	7.21	3.61	1.80	1.35	0.90	0.45	0.22	0.18	0.13	0.09	0.04	0.02	0.01	35		
	30	34.90	17.45	13.96	10.47	6.98	3.49	1.74	1.31	0.87	0.44	0.22	0.17	0.13	0.09	0.04	0.02	0.01	30		
	35	33.73	16.87	13.49	10.12	6.75	3.37	1.69	1.26	0.84	0.42	0.21	0.17	0.13	0.08	0.04	0.02	0.01	25		
	40	32.57	16.28	13.03	9.77	6.51	3.26	1.63	1.22	0.81	0.41	0.20	0.16	0.12	0.08	0.04	0.02	0.01	20		
	45	31.41	15.70	12.56	9.42	6.28	3.14	1.57	1.18	0.78	0.39	0.20	0.16	0.12	0.08	0.04	0.02	0.01	15		
	50	30.24	15.12	12.10	9.07	6.05	3.02	1.51	1.13	0.76	0.38	0.19	0.15	0.11	0.08	0.04	0.02	0.01	10		
	55	29.08	14.54	11.63	8.72	5.82	2.91	1.45	1.09	0.73	0.36	0.18	0.14	0.11	0.07	0.04	0.02	0.01	5		
	60	27.92	13.96	11.17	8.38	5.58	2.79	1.40	1.05	0.70	0.35	0.17	0.14	0.10	0.07	0.03	0.02	0.01	0		
																			2		
	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$		Gr.		
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Gr.	M.	10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$															Gr.	M.		
88	0	27.92	13.96	11.17	8.38	5.58	2.79	1.40	1.05	0.70	0.35	0.17	0.14	0.10	0.07	0.03	0.02	0.01	60	0															88	0
	5	26.76	13.38	10.70	8.03	5.35	2.68	1.34	1.00	0.67	0.33	0.17	0.13	0.10	0.07	0.03	0.02	0.01	55	5																5
	10	25.59	12.80	10.24	7.68	5.12	2.56	1.28	0.96	0.64	0.32	0.16	0.13	0.10	0.06	0.03	0.02	0.01	50	10																10
	15	24.43	12.21	9.77	7.33	4.89	2.44	1.22	0.92	0.61	0.30	0.15	0.12	0.09	0.06	0.03	0.01	0.01	45	15																15
	20	23.27	11.63	9.31	6.98	4.65	2.33	1.16	0.87	0.58	0.29	0.14	0.12	0.09	0.06	0.03	0.01	0.01	40	20																20
	25	22.10	11.05	8.84	6.63	4.42	2.21	1.10	0.83	0.55	0.28	0.14	0.11	0.08	0.05	0.03	0.01	0.01	35	25																25
	30	20.94	10.47	8.38	6.28	4.19	2.09	1.05	0.78	0.52	0.26	0.13	0.10	0.08	0.05	0.03	0.01	0.01	30	30																30
	35	19.78	9.89	7.91	5.93	3.96	1.98	0.99	0.74	0.49	0.25	0.12	0.10	0.07	0.05	0.02	0.01	0.01	25	35																25
	40	18.61	9.31	7.45	5.58	3.72	1.86	0.93	0.70	0.46	0.23	0.12	0.09	0.07	0.05	0.02	0.01	0.01	20	40																20
	45	17.45	8.73	6.98	5.24	3.49	1.74	0.87	0.65	0.44	0.22	0.11	0.09	0.06	0.04	0.02	0.01	0.00	15	45																15
	50	16.29	8.14	6.51	4.89	3.26	1.63	0.81	0.61	0.41	0.20	0.10	0.08	0.06	0.04	0.02	0.01	0.00	10	50																10
	55	15.12	7.56	6.05	4.54	3.02	1.51	0.76	0.57	0.38	0.19	0.09	0.08	0.06	0.04	0.02	0.01	0.00	5	55																5
	60	13.96	6.98	5.58	4.19	2.79	1.40	0.70	0.52	0.35	0.17	0.09	0.07	0.05	0.03	0.02	0.01	0.00	0	60																0
89	0	13.96	6.98	5.58	4.19	2.79	1.40	0.70	0.52	0.35	0.17	0.09	0.07	0.05	0.03	0.02	0.01	0.00	60	0																0
	5	12.80	6.40	5.12	3.84	2.56	1.28	0.64	0.48	0.32	0.16	0.08	0.06	0.05	0.03	0.02	0.01	0.00	55	5																5
	10	11.63	5.82	4.65	3.49	2.33	1.16	0.58	0.44	0.29	0.14	0.07	0.06	0.04	0.03	0.01	0.01	0.00	50	10																10
	15	10.47	5.24	4.19	3.14	2.09	1.05	0.52	0.39	0.26	0.13	0.06	0.05	0.04	0.03	0.01	0.01	0.00	45	15																15
	20	9.31	4.65	3.72	2.79	1.86	0.93	0.46	0.35	0.23	0.12	0.06	0.05	0.03	0.02	0.01	0.01	0.00	40	20																20
	25	8.14	4.07	3.26	2.44	1.63	0.81	0.41	0.30	0.20	0.10	0.05	0.04	0.03	0.02	0.01	0.01	0.00	35	25																25
	30	6.98	3.49	2.79	2.09	1.40	0.70	0.35	0.26	0.17	0.09	0.04	0.03	0.02	0.01	0.01	0.00	0.00	30	30																30
	35	5.82	2.91	2.33	1.74	1.16	0.58	0.29	0.22	0.14	0.08	0.04	0.03	0.02	0.01	0.01	0.00	0.00	25	35																25
	40	4.65	2.33	1.86	1.40	0.93	0.46	0.23	0.17	0.12	0.06	0.03	0.02	0.02	0.01	0.01	0.00	0.00	20	40																20
	45	3.49	1.74	1.40	1.05	0.70	0.35	0.17	0.13	0.09	0.04	0.02	0.02	0.01	0.01	0.00	0.00	0.00	15	45																15
	50	2.33	1.16	0.93	0.70	0.46	0.23	0.12	0.09	0.06	0.03	0.01	0.01	0.01	0.00	0.00	0.00	0.00	10	50																10
	55	1.16	0.58	0.46	0.35	0.23	0.12	0.06	0.04	0.03	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	5	55																5
	60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	60																0
		10	5	4	3	2	1	$\frac{4}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$	5	4	3	2	1	$\frac{2}{4}$	$\frac{1}{4}$																		
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15 Seite 26 Zeile vor aufgesäubert, ließ: aufgesaubert. 23 S. 29 Z. vor besonders, ließ: be-
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 744 S. 4 Z. vor nach, ließ: noch. 726 S. 5 Z. vor desselben Zuge, ließ: desselben Zuges. 394 S.
 12 Z. vor Bott, ließ: Botten. 403 S. 21 Z. vor Markpunkte, ließ: Merkpunkte. 778 S. 11 Z.
 vor nach, ließ: noch. 414 S. 14 Z. vor 10 Lachter, ließ: wenigstens 10 Lachter. 445 S. 8 Z.
 vor abgefället, ließ: abgefüllet. 847 S. 6 Z. vor gefälliger, ließ: zufälliger. 901 S. 10 Z. vor
 enthaltenen, ließ: erhaltenen. 904 S. 3 Z. vor in der Grube, ließ: in die Grube. 907 S. 9 Z.
 vor obern, ließ: über der obern. 481 S. 11 Z. vor Anmerkung, ließ: Beschreibung. 482 S.
 2 Z. vor Fundschaft, ließ: Fundschacht. 926 S. 5 Z. vor Währzeug, ließ: Währzug. 929 S.
 32 Z. vor wenn ich ihn, ließ: wenn ich solche.

Nachricht vor den Buchbinder.

Die Kupferstiche, so das Format in 4 haben, werden sogleich dem ersten Abschnitte also angefüget, daß sie ganz heraus geschlagen werden können. Die übrigen Kupferstiche hingegen werden zu Ende des zweyten Abschnitts angehängen, und von denenselben kann ein jeder in zwey Quartblätter gebrochen, und mittelst eines auf seinem Bruch angeleimten Papiers eingestet werden. Die 1) logarithmischen Tafeln aber, 2) Sinus Tafeln und 3) Tafeln derer Höhen und Seigerteuffen werden ganz zuletzt angebunden.

1. Grafton = 80 feller

Oppel, Friedrich Wilhelm <<von>>,

Anleitung zur Markscheidekunst nach ihren Anfangsgründen und Ausübungen kürzlich entworfen

Bd.: [3]

Dresden [1752?]

4 Math.p. 18-1/3

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